			1	11	han		1
-	time	species	1	dir.		remarks	loc.
	1330	Begin O.	lice	restric	nd		
	1415	Common Woodely	2	Sw	1000 ou		
	W 19	Bulwers	1	SE			
	1420	Comm. Noddy	3	w			
	1422	Frigate	1	5		High-just under cloud	
	1425	C. Noddy	2	S	wave tops		
	1426	" "	2	E		Sitting on the water	
8	1430	RFB	5	5		7 feeding	
1	2	C. Nodely	10	5			
	14137	C. Noday	2		WTops		
		C. Nogay	1		wtops		
		C. Worldy	1	SW	w tops		
	CHH7	a wooldy	1	Sw			
	11	a worldy	1-	2		70	
B	14148	RF B C. Noddy	7	E		& Feeding year honzon	
L	1454	Frigate	T	5		High above flock	
K	1454	RFB	5t				
3({		WT CN	15t			feeding near honizon	
5	15 11	Common Woodday					
0		7				Freding	
		common Noolely		Sw			
	1521	Wit, Trespective	1	SW			
	15 28	R.F. Booky	1	E			
	1631	Common Nooldy	1	Ē			
	1538	R. F. Booky	2	SE			
	1541	Wielgetail	1	SE			
	13118	widgets.	1	5			
-	1556	wedgetail	1	5			
e	1538	weolgetail	1	5			
	1600	Groddy Ten)	5			
	16 09	Wielgelail	[5			
	1616	et mm v 11					
	1610	Kowmen Needle	1	5			



time	species	#	dir. hgt.	remarks	loc.
1624	w edgetail	2	NE		
1527	Common Nodels	1	SE		
1630	R.F. Books	2	SE		
1634	Wedgetail	2	SE		
1635	westarlail	1	SE		
1637	wedglail	3	SE		
1638	wedgetail	3	5		
1639	Wielstail	1-	5		
H6H2	wi	600	7	3 dark phase	
3	RFB	140	145 -	Feeding :	
	1	1			
1652	R. F. Booky	1	SE		
@ 1643	CN	1	20		
@ 1643	WT	1	C.		
1645	CN	3	6		
1646	WT	1	5		
16 48	CN	2	6		
1649	CN	1	6		
1650	WT	1			
1658	RFB	1	30		
1659	CN	1	3		
	WT	1-	8		
1702	CN .	3	3		
	G. Frigate		KE		
1708	RFB	6	5 E	all nonthern white phase adults as fan as	
1701	WT	1.	SW	I could tell; associated but flying singly	
1713	WT	1	Sw		
1715	Ch	2	SW		
1113	CN WT	1	5W		
1717	CN	1	SW	78	
1717	CN	1	≤w	3 Flying separately	
1726	Wedgetail	1.+	5w-		
(1729	CN	1at	Eco	701	
6		40=	£&	(feed-5)	
7	RFB	3 5			
1734	WT	1	2		



time	species	# dir.	hgt.	remarks	loc
1735-40		12	W	Not a flook, these 12 birds transl as singles (equals 12 observations on Sightness)	
1741	WT	2.	W	33)	
1742	WT)	w		
1743	wT	5	3		
1744	wT	1	E		
1745	wT	4	2	In singles In singles	
1745	uT	6	€.	In singles	
1747	WT	4	2	1/	
1747	RFB	1	3		
1748	wT	5	5	11	
1749	WT	18	E	Not a flock crossing bow as singles	
1753	WT	p)	3	11 11 11	
1755	WT	2	3		
1757	wī	6	€	I irumediate phase bird, notaflock	
1800	WT	3	8		
	Wedgetail	3	5E		
1906	Bru Booky	1	NE		
1808	R.F. Booky Wesketail	6	E	nata flock	
1810	Wedgelow's	3	W		
1822	Wulstoil	4	E		
1430	w wlo stail	1	SE		
1831	Show Putro	1	55	See seen by uslot	
1834	Bulwers P	1	SE		1
1850	Enlaber	taller 1			
			1		

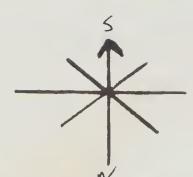
	time	species	#	dir.	hgt.	remarks	loc.
		Observuto					
		Sh-Pet.SP		w			
	0619	wt	1	SW			
	0624	Sh. potal	1	5			
	0629	wedgetail	1	5 5w			
			1	5.00			
		wedgeldel	1	5			
	0833	Bulwers P	1	5			
		white whole	1	W SE			
		Wedgetail	+	5			
		Tropichides	,				
	1290	I avry Term Wedgetail	1	5W			
				1			
	0921	5 hear-Patrol	,				
		wedgetoil	/	W		Dark on top light underweath (boreast) about the	
			1	5W		size ala belivers, plis mon like a storm petral	
		Shear-Potel	1	5		ge ava comons, programa mora a record gara	
	0948	Pt. specia	1	N		Dark-numpeel?	
	10:07	wedgetail	3	5		our vompeet?	
Pin.	10:07	W.W. Petvel?	1	5			
		Bird Sp	1	ne		Seen by the crownen, not me RBC	1
	1028	WT	1	S			
	1030	wT	9	tosw		- 10 - 10 11 the	
P. dept	1036	WN Petvel	2	NW S		One seen well, the other producibly the same.	
		Bulwers	1	5			
	1053	WT R.SR.	1	N		lauc e	
P				Cut		large	
EWE	1109	Bonin to P	2	SW			
	11 15	Bonn A	1	SW		Ø .	
	1 30	Woolselail	l	5 W			
EWA	1137	Bonin La P	1	E			
	1206	5 hear Patral	1	w		Sitting on water	
	1209	W. Andril	1	<u></u>			
TER	12 11	O P P	1	5			
4	1213	Wide tout	1	SW			
		1-11-11					

	5
	1
£ -	n
	~

time	checies	~ #	die	hat	womawka.	100
1218	, ,		SW	ILKL	remarks	loc.
122		2	W		1 at the state of	
1232		Î	N		I rithing en water, the circling around	
1234	1	1	N		Gloupsed boutly (191)	
	Frigat	1	BW			
1466	, Tem Ap	1	SE		Looked like it had a donk cap grey on top of wings and back	
12/1/	Red T. Tropic birds	3	5		Looked like it had a donk cap grey on top of wings and back white underwing and looky Sittingon water, 2 of then had no tails	
1510			SW		Believe it was son as on this war 5	
					Believe it was some as one this morning. 5 mall, brown or dock wings on top and underneath, white body, Tol	
			SĒ		under tal white, blew different, wind notas high.	
FP 1523	BRP	11	24			
1600	Bonn: Petre	1	5			
1715		1	54			
1850	End Os	die	rivale	ons		
	1					
	1					
						-
			*			
						1



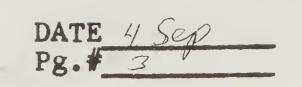
	time	species	#	dir.	hgt.	remarks	loc.
		· vations					
	070	R.T. Trapiclard	1	Ē			
	0946	Sur Is. Rtel	1	N		Back appeared downton rather than lighter	
		Terri Sh. Petret	10± S±			3: " edge of rain squall - No possibility of more consult identification - Fredy?	
	8900	Sheon yp	1	5		All dank bird; flying more steadily than with usually do; somewhat lighter undermeath Bobby thought it was probably a C. Is. Flight 16T very wit	
	0927	Saly Tonn	6	NE		Travelling	
	0928	DR Petvel		2		-Seen well-all white undernath, greey on top with while sides to nech. Could not have been dant numped since rump was distinctly lighter	
			7			than hest of upper-parts - a grayish writer	
~372			OI			- Probably night on the edge of a tain squall	
		DR-P		W		and nothing more than forms discounable. Travelling	
		1 1		W		Fuding in roun Sitting on water, in roun	
		R.T. Tropic bid	1	5		suring on war for reach	
Sank	1350		1	3			
	-	Bulwers	\	N		(Vide Perry) -tite.	
		Sh. Petal sp		SE		Too dark for proper i deutification	
	1835	Observ	de	15 0	anche	del -	
	1		1		1		



	time	species	#	dir.	hgt.	remarks	loc.
	0610	Observa	fici	is by	Sun		
	1614	wT		N		Lark phase _ amme?	
(1641	DR-Petrel)	is w		dark rump on this bird and some white on sides	
	0703					of neck but no more than that on the white B	
Paye	Í	D.R. Petrel?	. \			handed day mured be pel seen de stendart.	
		prix rong.	\			Not seen well; large Pteradroma recitainly c	
	0704	-,1 ?	1			Flobably D. R.	
				5		11 11	
	0727	WT	1	5		Dr. Phuse	
		DR Petrol	1	5			
		ien Retrel	1	5			
	0810	Shear- Petral	1	E			
	0811	Widgetail	l	NW			
	0816	Wedgetail	1	5 W			
	0821	DRP	2	5 W			
	0845	Show- Petrel		S [=		(calmer)	
	0950	wedge tail	1	W		Flight distinctly different under calmer B+	
						weather condinon. Elight is generally	
						more leisniely and the body axis (T) remains near the horizontal more of the	
						time	
	1002	Bulwers					
		Datwers		NE		Smaller Han WT-all brown above + below;	
						light hoddy pattern noticeable on wings	
						Flight somewhat more vapid than wi	
						just seen but generally similar. How would a big Pterodroma Ply in a calm sea. A-	
	1024	Shew-Petrel	1	NE		Glimpsed once but briefly	
Park	1024-	ww Petrel	1	5		Face and hend very light; back a light	
						gray-black with rump not distinguishing	
						detterent in color. Some white extending	
						up side cof throat. WN on borris or this	
	14D CA	Sh. Pehel		5 W		and sery light impressive gren by hour nect	
				30		- Possibly same as above bird	
		Golden Plouer	\	S		- A - Didnt civele ship but finally left heady	
	1045	RTTB	Ì	<u>Q</u>	-	in the vector between S and SE	
	HO BA	Distable				1045-Ploven back again	
Piece		WN Petrel		S		Bt neck patches obvious - decidely gray-black not noted	
		101101				The posterior of the	

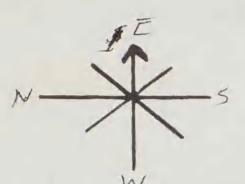
,- -	5
E	

	timo		√ √ #	dia	hat w	om a sele a	100
	1145	species		dir.		livel definitely hada white rumps.	loc,
Ew/E	1755	Bonn Lip	1	5			
10000	1200	Sooty Tren	2	Ē	Von	y low to water compared to other Sooty Torns I have seen	
p.	1240	WNP	,	NW		en-briefly -but at fainly close varge -	
1			(ck grey black; whitish impression	
						head and best look at rump which	
					1	as was whitish with a darker median	
TER	11215	DRR	1			ditty.	
100	1313			NE		ck appeared concolor with head and	
					CX	tensions of neek patches, These were	
					No	t that predominant. The bird possessed whitish rump and was clear white undermally.	
						o noticeable way margin) B+	
	1404	n vola Sail	2	5		als I light	
	141300	Bulwers P	1	5w			
	1423	5 har - Patril	2	5			
	1125	D. Romanda	1				
	1458	Widgetail	2	W			
	1506	w dzitail	l	5			
	1508	Shear Petral		NE			
	1517	wielzerail	1	SE			
	1530	5 hear Petral	1	NE	500	n by watch	
INF	1603	DRP	1		In	iatially sitting on water (Vide Termite)	
1	1607	CISh.	2	NW	+	Seen very me (RBP)	
1					h	Seen very well - Flight the "typical" organtal Play-Play-Play Soar . Color chunkmess	
					a	Il right - At	
	140				C	small school () of small dolphms	
1	1713	-ww P	2	NW		seen swimmy ESE - Not seen well	
		Sooty Terr	2	NE	56	zer over small to school of skipjack? turia -	
	1715	Pt.sp.	2	SE	Cor	Kilarier group - Donts had top of wings and byck	
21	109	8-15			dar	Kilavier group - Donds head, top of wings and bythe by with waying white list in milet bleer	
100		Et - P			about	I like a Bonin Is P, about the same singe	



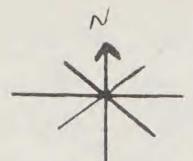
SE

	time	species			hgt.	remarks	loc.
BUR.	1732	/	1				
PRX	1805	Wapapa	1	5 w			
57/7	1807	Patril sp X Wedgetail	1	SE			
JAR.	1813	Wedgetail	1	SE		light	
U.S.	1823	Patril of	1	5w			
	1829	w N P	l	5			
2-0	1831	Petrelip X Christman has Petrelip X End O bre		2 00			
	1833	End O bre	wa	lions			
	1000						



t	ime	species	#	dir.	hgt.	remarks	loc.
	0550	Bigin Ch	ere	-	1		
		Shear Petral		5 5Ē			
	1	Slian-Patral	1	NE			
8.02	2442	WIND.	1	5			
	0 6 56	u utaitail	2	E		Ys with	
- 1	0658	wester tail wedgeloil	1	N		Light	
	- 1	w edgetail	1	5		Danke	
	0709	Patril sp X	1	E			
		5 hem-Petul	1	SE		E een leg watch	
Post V	0900	Pterodomay.	1	S		large-externa or phagopygia?	
/	0918	DRAP	1	S		vide Termite (Says saw no white neck -)	
		Birdsp	1	5		At limits of visibility - apparent only as a	
P.o.		WP	1	5w		black dot. Flew low over water and thus (from estimated size) is probably a Puffims	
	0440	5 hear- Petul	1	NE		(wy) or Herodroman	
2010/		wedgetoil	1.	NI		dont.	
		Patrily X	2	NĒ			
TFF	9943	DRP	1	NE			
-00	(0950)	Theon Putul	1	W			
- 1	0951	DRV 1 A.I	1	SE SE			
anol		widgelait	1	NW			
ETP	09 58	Pater in X	2	NE			
	0459	Bulwers P	2	NE			
TFP		PRP		NW			
	1006	Shar-Petral	1	Au Z	Acen	by watch	
BUP!	1	× 6					-
		Patrol sp X		NE		- Smaller than externa phaeogy in Cookilona? B	
V	1	Prevolunasp	1	NE			
		Term sp	1	5		Definite tern gull flight - Termite very Bt	
TEA	1133	DRP	(S		Definite light namp, no pronounced pakhes Bt on side on near; napeconcula with but Bt	
	1134	C.I.Sh.	1	5		A	
	1245	westqual	1	N			
BUF	1250	Banin La P	1	5		sitting an water	
BWP	1315	Boning 4 13	1	NW			

]	5E			
		species					loc.
	1409) WT	2	2 2		2 dent place	
	1459						
	1558	Bonin to P	l	E			
	1615	Petral sp	1	Ē		Lang ways aft.	
Por	1655	Bonin to P Bonin to P Patrul up WNP	2	SE			
R	1718	WNP	2	NE			
	1738		١	E		A	
	1835	- Observal	,~,	cur	elul	el e e e e e e e e e e e e e e e e e e	
						Total birds 52	
						Total sightings 42	
,							
(



	time	species	#	dir. hgt.	remarks	loc.
	6i0			begun -		
	0628	755	1	DW Ne		
	105	WNP	1	5		
	0705	Sooty Sh. Sh. Returned sp WNP WNP	1 1 1	5 5 2 5	Flew somewhat reminerent of Christmas' Island - Dark above; dark below with silvery underry's flashmy when they caught the sun.	
1 {	0755	Sochy Term		356	apparently not feed my (Travelling)	
	0766	Pet, sp " Newall's	(56	Di la Vale I de la contra del contra de la contra del la contra de la contra de la contra del la contra del la contra de la contra del la co	
TER		DRP	1	w	Black back, tail patch evident, very while underweath - Unusual Plight. I did not know what this was never havy seen one before but Termite assured me it was a Novell's and finally it crossed close across the bow and I got a good look at it.	
BUP JIP	0804	Bonin La P DA P She Patrologi	231	w Sw W		
Pex.	0810	petal sp.	1 2	ω 5ω	They are either DRF or WNP	*
+ MR	0821	Patrol sp.	2 1	5w		
24.07	0837 0844 0845	Bomin Is P 5 hear-Petrol	1	5w 5	5 een by watch	
TEP	0903:	DRP 5 Leon-Patrul DRP	1	W 5W 5W	Seen by watch sitting in water	
IPP	0967	DRP	1	E		



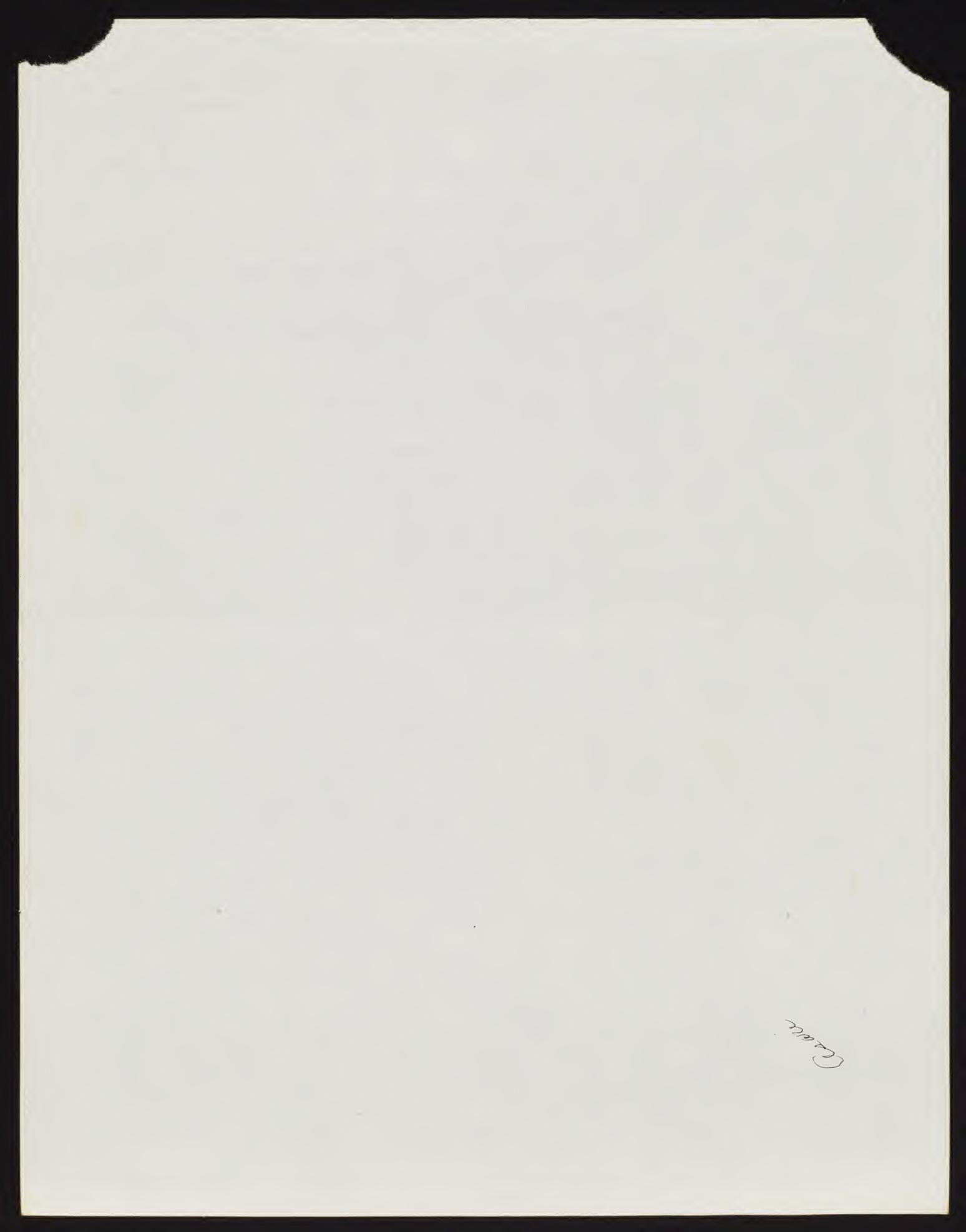
	-1ma	enecies	#	dir hat	remarks	loc.
	-	species				
550	0909	Shear-Patrul	9	w		
3.44	0914	DRP Shor-Patral	1	w	all dark, staged low to water, warn't a u i	
	0916	Shear-Patril	1	w	Seen by watch	
P.24	0921	Shion-Patril	1	Sn		
1127			1			
	0930	Souty Tom Shear Petul	4	W	la de la	les unings
	0931	Shear-Pitul	1	w	Balldock, about size for w T, Alen like a DRP, one white un	y .
Dar ((UNI)	Petrel sp. x	1		The small Pterodroma petrel of southern	
					waters normally listed as B.I. Petiel. but	
	1,10	Petral-sheursp	1	St	to conform with Husted here listed as	
	1164	widastoil	1	E	Dark	
	11/3	show-Petal	1	NE		
TEP	11/17	ORP	I	NE		
711	1116	- 1 6	1	1		
	1132	Frigate	1		1 41	
	11412	Shear-Putral	1	1	Seen by watch	
JFP	1154	DRP	1	E		
BWP	1201	Shion. Petul	1	5		
	1202	Shor. Petal	1	5	A	
	1216	Show- Petal	2	W	Alldors, flow like a retrel with high ares and twining onis	1.7.
	1	1 100			ricle frequently. No white was noticible a wings toute	slay
					Alldors, flow like a petral with high ares and twining on its nicle frequently. No white was noticible wings touther were infrequent. might be 55, but I doubt it.	*
TED	1734	DRP	1	50		
A FY	1226		1	N	light phase	100
		WI	1	1511)		Contract Con
	1244	KILD	1	Na		A STATE
(1356	South Tom	100	יבר		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
		w waterily	20	10		
23		Frigate	1		+ ceding	1 3 30 379
	1	Shan Patro	20	1/6		7.7
JFR		DAP	20	+5		Y Y
C	1450	wudgetail	1	su	Dark	
110	1459	I na b	1-			
3410	-	DRI	1			11-12
710	1512	DAP	1	Sw		
						1 1120
	1					Sin 1 34
The same of the sa						1



-	time	species	#	dir.	het.	remarks	loc.
	1548 1600 1613 1623	TB sp. Shear-Petsp 11 11 Petrel gp	1 1	NE W		Danmet. This just might have been a light phase Kermacler but I just didn't get that	
3WP	163H 163S	Brid SP Cook" Petrol	11	5 56		Seen by bow but not by me RRC	
Rex (1\$55	Sooty Tern W.N. Petuel + D.R Shearwah sp Enigate	20.52	10 10		Feeding flock. This flock was very interesting in that of the some 20 petre procellariods identified with it I was unable to spot a single wt. Of the 5 petrels I saw well and at close range 4 were clearly with may have been dark-rump.	
	1709	Golden Plover	1			I suspect though that it was probably one form or another of the while-neck - Dayle notes that some of the south terms were immature.	
	1715	DAP	2 1	J.		Dark phuse	
	1840	Endabe	NE	Man			



	time					remarks	loc
	0550		bres	watto)		
	0759	weetzitail	1				
	0862	Super- Ehrel	1				
4	0820	Petrolsp	1	N		haige Pterodomer - At too great a distance	
	0824	1				to distinguish whether DR a WN	
		Showard by sp	,	N		- 1\ L1	
		"Cook" Petrel		S		5 ooty?	
	1			h		on Boniu?	
		Shear Perul		W			
CP		Frigate ORP	1	N			
		Souty Tem	(E		4 A	
/	0944	Sooty Turn	5	サルナ		Travelling	
	0945	DRP	1	w			
13	1007	DAP	1	W			
5	10 25	Sooly Tem	10	W			
24		Favy Turn DRP	5			feeding	
		Shion-Petrol	5	±2			
EP	1056	DAP	1	NW			
	1142	Shea-Peluch	1				
1	1159		ı	N			
	W 31)	Sheur Pelo	1				
P	1447	DRP		9			
	1448	Show. Pelul	,				
Exa		ORP		15			
	1532	ORP	7	WE			
		Shear-Patral	1	5		- alldork, slant rige of DRP, plus more like a ptrel	
	1720	4 11	1	5		(Poss.bly WT)	
	1840	- Olsemto	1	onelli	elig		

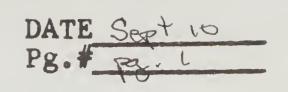




time	species	#	dir. het.	remarks	loc.
⊘ .	Species				
C555	- Olean	ku	tegu		
Olal3	Sh-petvel	1	SE		
0624	Sooty Shwi	1	NE		
0636	WTTB	1	e	OVIS	
0703	WT	1	5	light phase	
0716	WTTB	1	2	Same as 636? an hydro-statin the	
0749	Sooty Sh	1	S	whole time -	
1 1015	DRP	1	E		
1034	Shear-Patral	1	E		
(1715	Souty Term	20	+2 NW	Fueling	
593	Shon-Patril	125	+4		
	Frighte	1			
in vi		1	5		
JFP 1125	WTTB		2		
1247	DRP		SW		
1249	Shear-Pehrel		608		
1301		1	W		
1454		1			
1700	3. Skna?	11		havge with good wingspread. light-brown	
				allower flying high tropic bull ht.	
				Not shearwater Termite thought it was a skua - This or a jurger but worked lange	
				Fer a jarger - Rapid flight line term but	
				much too large for any term on this area	
		-		Flight dig not appear especially quil-line-	
				Temiles blentification may well be correct.	
1850	End Dlus	erva	tung		
18 00	12 201 112				

	E	
w -	X	_ 5
	1	

					hgt.	remarks	loc.
	0 545	Bearing tole	Servi	tions			
	0641	Shear Patral	I	E			
- 1		wingstail	t	E			
		DRP	1	5E			
	9805	Sody Shew		6			
5	0825	JFB	1			DP	
1 w	1521	1. 669 AZA	23	‡		Somewhat doubtful if this was a Flock; if	
N,5		WUP	53	土		so at least they were not feeding. The first	E,
		Enigate	1			two birds seen (DRP) were sitting on	ANGE TO
						two birds seen (DRP) were sitting on the water. At least I war was seen will well and atthough other petrels seen well	
						(of some 10 were DRP it seems likely that	
						Several more were WNP.)	
25	1656	DAD	6	W		Feeding	
-		Bonin de P	7 4			1 Lacory	
		Walstail					
	1704	Kormoulee Petel	1	W			
	1711	w rolgetail	1	N			
	1115	Wedgetail	1	W			
P	17/6	DRP	1	SE			
	1863S	Obremet	1 ~	9	0.0.		
	912	Ca come		cuc	lide		





	time	species	#	dir.	hgt.	remarks	loc,
	Clock	Observate	vs	Toray	~ _		
	0633	WT	2	19 E			
	0653	wT	1	5			
FER	0807	ОДР	2	Ī.			
Boot	0934	WNP	1	NW			
	1054	WWP	1	S			
		Petul sp	1	S			
***	1108	DRP.	į	5 W			
100		WNP	1	5w			
	11121	0 0 0					
		DAP		SE ISI.			
		Shpetrelsp		13.			
	1651	11 (1		1			
	\$ 830	End Ob	wie	patra'	1		
					7		

	5
1	1
7	1
	,

-	time	species	#	dir.	het.	remarks	loc.
		Bogin O dier					
	0 723	5 Lear - Patril	2	E		in the sun, but they were probably in T.	
TEP	0810	DRP	1	5			
	089	- leucie	2		BIP	Small Pterodroma not seen too well but	-
		BWP/P. Comp	te	-a		apparently lacking black slack under wing characterister of Bonn-Underwy apparents all white without black him.	7
	1008	Scoty Troms	60	+10 E			
50		wiodgetals	15	+5		Fueling	
15		DRP		1			
		pshepan Patul	24	+/			
		- 1 A		-)			
		trugale	2				
SWP	1035	Borin do P	1	5			
BMB	1109	11 h n ?	1	NS		Possessed prominent black wing stash margins but slash not noted.	
TER	1113	DRP	1	N		Dal 20211 1101 Hotex	
TFP	1720	DRP	1	0			
	1238	Shean-petrelsp	1				
	1,738	Sooly lein	1	10			
STY		DRP	1	W			
	1335	Shear Patral	1	W			
TER	1345	Souty Ten	20	E		Feeding	
2		DRP	10	±2			
• (3 hear - Patro	2	13			
JFF	1355	No p	1	W			
		Dilandore	,	. 1			
	140	Peliel-Shenlersp.	1	N		Brown above, with underwings brown with	
						white towards tips of underwing - white slash on top of wings - a partial	
						albino. Kermadec? White belly through not	
						observed - Flight rather slow and leisurely -	
BWP	1555	Bounds P	1	3E			
TFP	1732	DRP	1	SE			
- L	1713	WWP	1	S			
	1010	4.7	25	1			
JER	1720	Sooty Town wulgetoil	10	1		Lecoling	
33		DAP	10	Į.			
		5 hear- Petril	10	1			
	1737	DRP	2	S			
	1742	DRP	1	N	0		
	1930	Closera	- 1	care	reco		



		species			hgt.	remarks loc.	
		ewaters her				(4 DR, 4 WNP - rest pend shearts - Territe!	
	6600-600	Shew Petral	15			Occurring in singles. Huske about 5 minutes lake	
	0615	Shear-potuelsp	(N		(Should cent as 15 sixteess) (1 shovebird)	
Pad		WNP	1	2			
	0625	WNP	15	2		Not Feeding	
		DRP	10	N	,	}	
		Kermedec P	١	N	-	I all dark with white flash on primares	
	0626	Petrel Sh	1	N			
T	063k	DRR	1	W			
Fix	0632	946	(n			
5 2	0633	DRP	1	~			
	0636	Storm-petrol H	PI	8		white-rumped- Hareants	
Par	0638	Jum	\	N			
2 (06391	Pehd-Sh -	30	五		Circling - a paralle mon feed my? Prob.	
	0642	WNP	1	NE		Civeling-apparently not feeding? Prob.	
11	0643	WNP	{	NE			
	0647	WNP	l	1			
	U648	DRP	t	N			
1000	0650	WWD	l	v			
But	0654	"Cook Pelvel"	l	1			
	0655	Relvel-Sh	1	NE			
216	0655	DRP	1	N		Court se S signings nota flock	
		Petrel-Shear	5	NE		Libo de la constante de la con	
3 {(0705	Itavcounty 5 Pok	76	NE 1		white rump patch' appeared broad across base of travelling tail (not incipiently divided as in Lewber) of Travelling	
	0704	Kermadec?	1	5			
77.12	0707	DRP	١	~			
(-1	0713	UNP	1	~			
PF	0714	DRT	(0-			
1961	0715	WNP	1	~			
Pay	0718	Petrel-Steam	3	1		(DRPU was)	
	0719	Storm Peter!	2	WC			
	0720	Pehd-Sheur	4	2			
			95	+ WY		> Probably Percolora and WT - Circles but	
# 2	0740	Petrel-Steam	75	+ Wr + S		Probably Plercohoma and WT - Circles but not seen hither a our sufer	
4.		Sooty Tem	3			J Feeding ?	
	0742	Rehal Smen	Z	N			
01	0743	WNP	1				

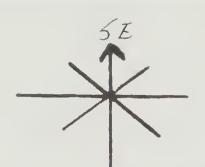


DATE Sept 12
Pg.# 2

	time	species	#	dir.	hgt.	remarks	loc.
Pex	0749	war 1	6				
	0150	Newells SI	SE			white bolly - seon very well	
550	0754	Kermadee -	T	W+		Thankly	
5/		DRP	6 4	15		3)	
		Sooly Tem	6				
	0800	Petrel. Sh	3				
IFP.	0809	ORP	4	6		11 + 11 1	
JFP Pay		WNP	3	0		Notablock.	
1	5811	Scata Ton	6	-			
(1)		Souty Term Widgetral	3	5	1	Torovelling	
167		Co	4				
		NNA	1				
	0816	wedge wil	1	5w			
SFP		ORP	3				
	BGIZ	Shoon-Patrul		=			
	0818						
Piex	6827	WNP	1	N			
	0832	0		W		Dark	
Per		W N P D R P	12				
711-							
51P	0837	DAP	1	SW			
TFR	0840	DRP	1	SE			1
	0845	Wedgetail	1	E			
TFP	8848	PRP	1	Ē			
) ex	0849	WNP	1	9			
	0852	Boring P	1	E			
	0900	WWP	2	5W			
TIP	0924	DAN	1	5E			
	0927	u religitail	1	N		Darle	
J70	0931	DRP	t	Ē			
0	0941	WWP	1	3		7	
7.24 TOB	7943	DRP	1	S			
I EN-	anci	Sheun-Pelvel	3			Two Rish balls picked up - One normal, the	
	1	Sucu- 1014	1	-		Two Rish balls picked up. One normal, the other an orange plastic manstresity	
	10:03	16 16	1	N			

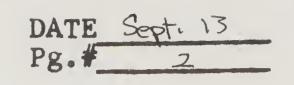


			1				
	time	species	#	dir.	hgt.	remarks	loc.
JEP	1005	DRP	1	3			
7{(1010	DRP	5		>	Flying southwost in a compact string of Five-	. 1
		7				Peeled off one by one from rearmost bird and Trave headled northernly. Picked up another Fish ball.	lling
	16.7	Cl. Patral				weedles non the any. I could up another tien ball.	
	1016	Sh. Petrel	1	Se			
+00			,	NE			
a ror	[034]	DRP Harcourty	1	SW			
	1041	Harcourt	7	SW		while rumps but not seen well enough to	
						note it auterior surface was improgad with gray-brown -	
	1055	Bulsp	1			Not seen by me (RBO)	
5E.	1155	Bul sp Shan-Patul shan-Patul	2	SE			
1	1211	show Petral	1	NE		5 sen by watch	
	1237	11 11	1	NW			
8 { (1243	Sooty Tem	6	5		Travelling	
	1253	Shean Peter	1	W			
9{	1257	11 11	50	±57		Right at the limits of visibility - Feeling	
JEP	1312	DRP	2	SE			
	1319	Shear-Petrel	1	34			
JFR	1320	DRP	1	NE			
	1354	Ha would	1	SE			
	1409	Harrante ston P	1	SE			
5/	HA16	Souty Ton	5	NE			
10 {		Wielertiel	2			Feeling	
		ORP	5	&			
	1427	Sorty Turn		Ĕ			
P. Ox	1434	WNP	2	NE			
3	1442	Scoty Tom	5	55		ydonk Feeling	
11 2		w wheretoit	8			ydon't Feeting	
		DRP	3				
JFP	14149	DRP	1	5			
	1450	5 hear - Petal	1	SE			
Par	1455	WNP	1	NW			
JEP	1458	DRP	1	N			
JFP	1500	DRP	7	5		Nata flock	
ROY	1507	Sooty I on	4	SE			
JEP		2 9 P	3	5W			
PEY	1312	WNP	1				



			,,	* 4			• • •
		1 / /	#		hgt.	remarks	loc.
	1519	Wedgetail	1	5Ē			
Par	1521	was	1	5			
RWF	132,4	Bomin to P DRP	1	5			
FFF			3	, -			
مر نسر	1526	Barris La P	1	SE			
12)(1531	LUT	2	8		danh Zsittong on water	
	* mag	DRP	5	5	/	5 3. Con water	
	15HC	200				of the outer primaries. Fuding	
			1	S		Friday (C. Z. C.)	
	1	Sh-petrel		SE		transland)	
13 { (SootyTern		5E		- travelling	
216.		DRP	2	S			
	1600	Paratice Jacque	1	Sw		This came close and was observed closely by me (and Termite) It fit the description in Peterson	
	1(a) 2.	Sh. Petrel	2			to a T. It possessed the same overall color	•
						pattern, the barred rump, and the small	
24						Slightly pointed central tail feathers. I have seen Panarme Jargers before and this bird	
						appeared dofinitely smaller. It was light	
						below and dustrien toward the chest but	
						barry of the underparts was not especially	
			٦			behind the ship. At one point it circled	
	1609	Pelvel sp					
		Haveourt SP.		2		above a large Pterochoma, turned and drove it into the water. Chase was not pursued -	
		Penel SP		37			
	1625	Sooty Term	造	£.		- feeding no	
		DRP	35	t i		- feeding - About a third of the Serties were immuture Feeding on Skipjack -	
14		who	多	*		Shipjack -	
		WIT -L		~ -		dah	
100	1659	Bays Pelve 1	1	SE			
	1704	Petrel Shulse		N			
	1706	Sost & Tem	3	2			
	1708	Hancounts		N			
	1716	Petrel-Sh.	١	W			
	1730	w edge fail	1	SW			
	1735	PRP	3	SE			
/	1740	DRP	2	SE SE			
15 }-		5 Love Fetral	72	5 W		Travelling	

	time	species		dir.	hgt. remarks	loc.
	0535	Bugin ob	erl	ations		
	0602	5 horr - P. trul	1	NE	la la	
_	0630	w whystowl	1	NW	Dark	
T#P?	0704	DRP ?	1	W 2016		
TFP	0108	ORP 140	2		often - and the separatel	4. 1
		Shern Petral	1	W	about the singe of a DRP, blew like DRP, but had en brown emolerwings, white underports and dock uppe	yearts
	0716	w edgelail	2	E		
JEP !	0717	DRP 1	1	w		
	0718	wedgelail wedgelail	1	É	park	
BWP		Bonn Is	1	NW		
Page.	0831	ANN	1	W		
		WNP	1	5		
		Petrel sp	1	W		
		DRP	1	NW		
		Ret-Sh sp	1	#S		
	0932	DRP	1	W		
	6942	Harrywets SP	1	50		
	0 444	DRP	1	N		
JFR	0958	DAP)	W		
	6959	wedgetail	1	W	Dark.	
	1635	Shear-Petrul	1	E		
	1638	Sooty Ton	2	W		
SFP	1042	DRP	1	NW		
	1045	wordstal	1	NN	Dark	
	1055	wedgetter	1	N	Dark	
BUP	1057	Barrier to P	1	W		
	1119	Banui Petrel	1	w		
TIP	1134	DRP	1	W		1
PUP		Bon in Johnel	1	5		
Conf	1217	11 11	1	3		
		Sh. Petisp Show Pital	1	SNW		
Rup	1254	Bonin, Lop	1	W		
110	1366	DRP	1	w		
0.15	1310		1	WW		
	1350	1 Lovements 5 hor- Patral	2	W		
					Th	

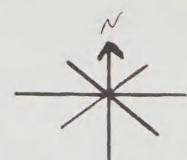




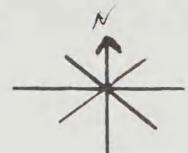
	time	species	#	dir.	hgt.	remarks	loc.
	1412	Shpetrel	1	S			
		Bonn Is.	١	W			
	1515	WT	1			Dark	
17850	1631	wedgetail	1	W			
4-6	1650	OR P	}	E			
	1727	Pot vel c-	1	14			
	1755	WT	١	NS		Derh	
	1815	Observation	- e	consli	del		
17							
4							



				,			
-	time	species	#	dir.	hgt.	remarks	loc.
	0535					Observations began	\$ 1
BUP	0540	BT Potal	1	5			8 ! /
1	0600	Sh. Petvel	1	5			8
	0639	Sh. Petvel	1	S			
	D646	Kennodeep.	(N		light phase	
	0647	Sh. Petrel	1	w			
	0658	Harcourts	1	N			
Pex	0701	WNP	2	Stw			
	0705	Petral sp	到	1			
BLIS		Bornta Is.	1	N			
21/		DRP	1	SW			
BUT		Bonn Is		12			
	/	Pehel Sp	2	11		at long range Travelling	
1.	-	ShPelvel	\\	N		3, 3,	
BANF	0750	Bonin FS	,	NW			
27/	0754	DRP	1	ww			
/	0755		(Head was almost intirely white	
	0805	WNP		NW		Head was no	
211	0613	Kermadie D	1	NW		Dark.	
	0835	. 0.10	2	E			
Per	0933	OND	1	NE			
TEP	(09H6)	DRP	1	n			-
	0946	Sh. Pehrel	l	N			
JEP 1	0957	DRP	46	25		These birds were seen actively pursuing	
Par			0			a large school of small flying fish. At first only two binds were present but presently larger numbers appeared. Some	
	1063	WT (light	1			The state of the s	
BUP	1007	BonnIs	1	N		2 / we sentere of the randon	
	10:30	Sh. Petrel	1			almost alighting temporands and then regarning flight.	
SFI	10:47	DRP	1	3			
Imp	11/1	Bonin do P	1	W			
1	1125	Souty Tom	5	W		Facling	
JFA		DRPAO	4				
1		w whoshis	3				
		5 Ren-Patrol	5				
500	11711		7	t			



				`			
		species	#	dir.	hgt.	remarks	loc.
JFP	11-15	nnn	1	a			
RUP	1154	Baron for	2	SE			
	1159	Barin La P Barin La P Soroty 5 hear	1	w			
	1208	Shor-Patrol	1	SW		Sum by watch	
Per	1215	WNP	2	r			
u 5	1217	Shor-Patrol WNP Soaty Term DRP	6	NE		Feeding	
JFF 2		DRP	1				
TFP	1220	DRP		Ē			
Par	1221	WWP	1	W			
TFF	1222	DRP	1	N			
<	1224	Sooty Turn Shear-Petrol	1.5	<u>†</u> 2		Feeding	
52		Shear-Petrol	5	W,			
	1225	Groty Shear	1 1	M			
	1234	Sh- Petrel	1	W			
JEP	1247	DRP	t	S			
	1255	Sh. Petrel	1	3			
TEP	1256	DRP	2	5			
TPF	1343	DRP	1	N		about the size of a DRP, hat with born underwings	
	1406	5 Lear-Pital	(NE		about the rize of a DRP, hutwith	
JFP	1405	PRP	1	N			
	1432	u edgetail	1	W		Park	
	1435	Shear Patrel	1	6)			
JEP	1506	DRP	1	W			
Pex	1501	w NP	1	NE			
BUP	1305	Banin to P	1	W			
	1600	Sh. Peliel	1				
Rex	1602	WNP	1	W			
JFP	1617	DAP	1	W			
	16 19	Sh-Petuel sp	1				
BWF	1713	Bonintsp	1	Nu			
TFP (1720	DRT	4	F		Travelling	
Pey)		w edatail	4 73				
12 2		Bonis to P	1				
T+ 0							
OF FR	1123	DRP	1	w	1	Feeding	
1)	1738	Souty Tun	HO 35	110			
			35	110 15 15 1-3		1820 Endabservations	
		Wedgetail	10	13		1820 Endamerialis	



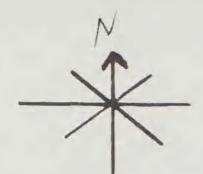
			1	•			
t	ime	species	#	dir.	hgt.	remarks	
		Bagin Of	rer	vulien	1		
1		wadzelowil	1	5			
1	1						
	1	DRP	1	NW			
		DRP	1	W			
		DRP	1	W			
20		- Patraley	1	NW			
309		Boints P	1	NW		- About rize of DRP, but bun and white matthed an breast, and surdesports brown on back and typ of wings	
1	0714	5 hear Potrol	1	NW		underports brown on back and typ alwings	
		DROJEP	14	NE			
13/	0718	WNP	1			Feeling	
4		n'edgeloil	2			Idark	
	471			-			
	0750	Show Patrul	1	NI			
	0759	DRD	1	NW			
		Sooty Shake	1	S	1		
		RTTB	1	SE			
		Sooty Term	3	ع			
- 1	0844	Sh. Petel	2	S		All dark some light on underwings Sody Sh?	
	0857	14 11	1	S		Not seen well.	
	0910		,	S	V		
	-	Soots Sh.	1	0			
	0924	Sh. Pethelsp	1	3			
The l	0949	Bonnlop	1	w		Sutting involve	
		A.T. Trapicluid	1	W			
750		000					
JF/P	1019	DRP	1	5w			
	10 22	Widselail	1	NĒ		Dark	
SEP	1024	PRPAA	2	5 w			
		wiolgelail	2			1 sitting on water	
THE	1028	DRP	1	NW			
	1030	Shear Patrul	1	Ē	1		
	1031	Shear-Patral	1	nw		seen by watel	
RITTB	1032	17 Trajuebra	1	E			
	1030	DRP	1	w			
JFP	1055	PRP	1	N			
			1	1			
		1					



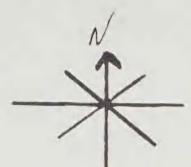
	time	species	#	dir.	hgt.	remarks	loc.
	1110	ShPetrel	1	sw			
		Kermadee?	i.	S		dash	
-	1201	Sh. Petrel	1.	S			
	1202	RTTB	2	es		One sitting on water	
		Bonn Is	1	5			
		R T Tropicare		W		ablalants South Shear? all it see it I'm	
3.	1232	S Lewer Pax	1	W		all dock soots shor? - couldn't see silver, line on underwing does not bly like one.	
BLIP		Wadgetail Banin. Lop	1	pw			
	1410	Shour Pet	1	W E			
	1545	5 hon- Petrol	1	E			
7-10	1543	Bonin to P	1	Ē			
TWP	1623	Borin la P	1	NE			
	1624	Woodaytail	1	SE			
	1625	short Patril 59	1	sw			
e e	16 30	Komaclie P)	SE			
JT-P	1633	DRP	1	NĒ			
	1635	Shew- Petral	1	NEW		alldenk, blies like a DAP, about some risge, nay be lighter.	D
		Shewr-Patrul				, , and and a	main underwing
	1655	RT Trojuctulal		5			
	1700	Shear-Petral 5 hear Petral	1	W		alldowk	
JFP	-	ORP	1				
	1726	Slover Patril	1	$\overline{\mathcal{L}}$			
	1755	10 00	,	80 S			
	1815	Obrentu c				a*i	
		~ ~	ne	d			
*							



	time	species	#	dir. hgt.	remarks	loc.
BUP	0537	Bonin Petel*	1	S	* type	
	0617	Shpetrel	(NE	Com Down a 1800 of 1	
4	0618	11 11-	1	S	Every damin one of these SP went by at some distance on the stanbal	
	0620	11 11	1	56	side in the sur - At least three species	
	0621	it it	1	SE	From flight several may have been Sooly	
	0425	it it	1	5	Sneumaler.	
	0633	16 11	1	S		
	1	DRP	1	S		
		Sh. Peled	,	3		
	0641	·, ·!	1	26		
	0650	wT	1	N∈	10-5ht	
	0707	1	1	S		
	0709	Sooty Shuater	1	S	Finally a bil as the port side -	
	0734	3h-Pold	1	5	7 copy by well 1 -	
	07412	Sh Pehel	1	5	I seen by watch while I was doing weather	
	07417	11 11	1	S		
SUP	0751	Bann Peher	,	0		
	0800	Golden Placen	1,	5		
JIP	0909	DRP	1	E		
	0810	Souty Stear?	1	3		
	6812	Ri. Tropiclaid	1	5		
JFP.	0814	DRP	1	w		
	0817	Shear-Petrol	2	5	ull dock, flow like a DRP	
	0841	DRP	1	5		
- 7	1842	Wudgetail	1	E		
IFP	D 8 44	ORP	1	5E		
	0845	5 Lear Patrul	2	NE		
	0902	5 oots 5 Lear	1	N		
IPP(6908	DRP	H	NW	Fredrig	
		Sorty T.	H	/V VV	1 mang	
13		Scoty Tem R.T. T. B.	1			
		Show-Patrul	?		4/4	
(0.0	George			73	
		Ha courts st	1	w	9 1	
TRE		ORP	1	5	No.	
BUF	0426	Barrio Ls P	1	F		
	0430	Sooty Shen	1	5		
	(455)	DRP	1	5	-	
	0956	Sooty Sh	1	SV		
	0956	Petnal Shisp	2	S		



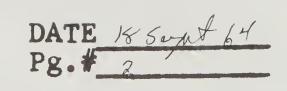
	time	species	#	dir.	het.	remarks	loc.
	16:00	Sooty Shear.	3	5	1	Moung rapidly	
	No.	RTTB	1	N		lawover water	
	10:23	Sh. Petrel sp	1	\$6			
JFP	10:25	DRP	1	se			
		Sooty Shean	1	S	1		
TFP	10:51	DRP	1	N		with a light rump	
JFP	1133	DRP	1	Ē		5 itting on water	
		Chinetras lo 5?	1	É			
	1315	Shean pet	1	S			
IFP	1405	PRP	,	w			
	1407	W relgetail	1	SE		Dork	
		Shear-Petral	1	NW			
	1445	w edgeted	1	5			
	1507	5 hear Patrel	1	N			
	1510	wedgetail	1	Ē		Dark	
	1516	Christian do 5	1	w			
	1524	Wilgitail	1	Ē			
	1526	Show-Petral	2	NE			
100	1530	ORP	1	5W			
	1556	Shear Petrel	1	9) at the extension of	
	1601	tv vv	1	S		be dark above and below and several	
	1602	The th	ı	5		showed flashing white underwing coverts	
	1603	Sooty Shean	1	S	1	and were listed as Sools Shearwater - None occurred near the ship and almost all	
	1606	Shear Pelel	(S		were characterized by a very raipid vigorous	
	1607	Sooty Shear	1	SE	1.	Flight in in which individuals occasionally	
	10.	Shear-Petel	1	S		looped high above the horizon.	
	1618	10 (1	2	se			
	1632	ti- ii	1	W			
	1637	11 11	1	SE			
	1648	Sooty Shour?	L	5			
	1648	Show Pelvel	3	5			
JFP?	16 50	DRP	1	3			
	1659	Sody Shean	1	9	V		
	1702	Sooks Shear	1	S	10	7 3 7 1	
	1706	Shean Pelue 1	(S		No. 7	
	1743	Shear-Petral	1	5W			
	1747	Souty Shear.	1	5	L		
VFF	17304	E IDA	1.	NW Inte	,		
	1815	to 0 0 st	LIV	ua lis	ris		



time				11860	1 Emarks	loc.
0526	Begin O.S	Such	ration	<i>a</i>		
	Shur. Petral					
	Sooty 5 Lean ?					
6755	5 hear - Patrel	1	5w		Sun by walch	
JP 0759	Bonin do P	1	6 W -			
6 0805	Dep		5			
0807	Sooty Sh.	1	S	1		
0809	Sh. Pemal	1	5			
0813	11 11	1	5		dark brd 5?5?	
0821	MNB	1	3		Board. Rul! Most definitue white collan The get	
0824	Sh. Tehel	1	8 -		seen on one of these birds -	
					- dark above below, while indemoys? S.S.?	
					And hardly the typical ss Flight though	
4					this bail was worky its way low one	
15 6831	Sh. Retry	1	c		the surface of the water,	
0836	11	2	S		- Fack (Not Plandmen)	
0915	WTTB	1			د(
	500 kg Sh.	10	se	1		
W 0935	Golden Ploper	1	(Call a	
TP 1055	Bonin de P	1.	1		Callina	
13/5	Sooty 5 hear	2	5	1		
	RTTB	2	6			
1325	WTTB	1	3w			
			7			
1340	Sooty Shear	1.				1
13-12	Newelle Shear	1	NW			
	Newells 5 hor	1	5			
1447	Pehal-Sh.	1	SE			
1453	Sools Sh.	l	5	V		
1535	Shor-Petral	,	5=			
		,	11	, , , ,	L. an whole	
1113					tisa upen whale	
1820	Observat	w	Cono	ndeel		



	time	species	#	dir.	hgt.	remarks	loc.
	0545						
	0645			SE			
	0650		2	S			
	0659		1	5			
	0.735	460740		- 4	Petal.	Sh. seen by Cromwell watch white I	
	0747	Sh. petel	1	3		was doing weather	
Donne	0748	Burnis	1	S			
	0753	Sh. Petel	1				
	0801	sh. Pehel	1	5		- Soole Sh?	
	0806	11 (5	Į	5		Fight as in seed sh, as described by Dayle	
I	0845	DRP	1	5		seen at very long range.	
2 + 13	0841	DRP	1	W			
	08 48	Show - Datal	1	W			
	0907	Kermaolee P	1	5 .			
Ecolor	0909	Bonnis P	l	SW			
	0935	WT	1	NE		0 - 10 11 10 1 10 10 10 10 10 10 10 10 10 1	
	0957	? An. Ret.	1			Dam.fino - I thought this bind had a dark throat and Suzuki confirmed it. Well	
						Marked while belly - underwags not seen that	
						well but lightish (not white like wT) and	
						almost appearing nottled. I could be mistaken	
						on the throat in which case the highest	
						probability is that this bird is a light	
	1037	Sh-Pet				phase Kermadec.	
	IOHI	RTTB		5		Davk	
	11 11	Wedgetail	,	9		Sitting on water	
				5		Park	
	1315	PetSh-sp	-	56		082	
	1320	11 ((NW		DR?	
	1437	Sooty Shor?	1	5			
	1455	Sooty Shar	}	5			
	1500	Sooty Shor	1	5			
	1501	Sheor-Patral	1	NW			
	1320	Stever-Patril		5			
	1524	Nuvells Skeon	1	5			
	1548	RTTB	1	3			
		Shear Pelnel	\	S			
		G. Frigale	1	E			
		Shear-petel	1	5			
	1638	11 11	,	S		Actually divis to surface of water fishing	
		G. Frigate	2	3			
	1712	Shear-poted sp	4	5		Zan Beryen	
		11		9			



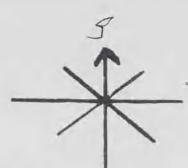


	time	species	#	dir.	hgt.	remarks	loc.
	15 30	Show Pital Souty Shear? End O dse	\	5			
	1955	Souty shear?	1-0	5			
	1830	End Osse	in				
	2						
2							

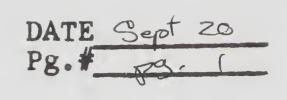
	ω
N _	

		£	= "	1.	1		1
		Begin Ol				remarks	loc.
T	1635	WNP		5			
,	0642	Nevel 65		5			
	0 689	Newells 5					
	0655	Newells 5	1	5			
	0700	Newell. 5)	5			
	1	Sooty shear					
		wnp	(5			
	1	Newells 5	1	5			
	1	Newells 5	(5			
2.		Banis Ls P	1	5			
	0750	Namells 5	!	5			
	0752	Kermadie P	1	5 -			
g 1/8	0855	5 hear- 1 tral	2	N			
	0806	11 1	ス	S	1		
	0810	r1 11	2	S		at distance	
	0825	11	1	S		Benn?	
	0829	11 11	1	S			
	6889	Bulwer's P	1	S			
	0905	Sh. Pehel	1	S			
	0908	(1 .1	1	N			
	0910	(1)	2	S			
	0929	10	1	5-		- Newelys?	
BUR.	0837	Bonin La P	1	5			
		RTTB	3	6			
5	1031	Woolgetail	2	6			
dent.	1202	WT	1	SE		3 lyst	
	1228	WT	2	E		5	
W	1243	1	2				
	12.55	Frigate)	NW			
				w			
		Newells	1	NW			
	1433		1	NW		A	
	1	Sh. Peliel	1	w			
			1	SW			
		Jueger sp Newells	,	NE		Seen well enough to only identify it as a jarger- Assembly brown color, lighter- on rump and with white	
		, , , , , , , , , , , , , , , , , , , ,				Flush at base of primaries - Darkness of underparts and upperparts implies immature form.	
	1524	SII. Petel	1	N		Flight as in skua? P. jarger seen former but	
		Newals	1	56		Flight as in strue? P. jarger seen formers but less to stowed than strue? individual	

13,000			
0	3 750 750	300 300	57 <u>6</u> 342
5250 256'25	00 .14	bird in 355 miles rover 288 355 6288 2016 2555 2017 17,75 2155 2150	350 350 17500 1050 122500 90000 412500 412500 12500 12500 12500 12500 12500 12500



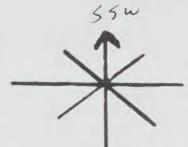
	time	species	#	dir.	het.	remarks	loc.
	1530	Neurllo 5	2	5	1.00		
BLIF	1539	Bonin 4 P	- 1	W			
	1608	Shor-Films	1	W			
	1615	sorty 5 hoor	i	5	/		
	1630	Show- Putrul	Í.	5			
	1639	Wedgetoul	1	N			
	1640	Weolgstoil	1	5			
	1641	Wiolgetail	1	W			
-18	1642	Bonin to P	1	E			
24	1643	WNP	1	0			
	1644	Shon-Petul	1	N		all tooks underwings about DAP Size. Flow like a weelgetail	
	16 48	Shear-Petrol	1	SW		dirly head and led and week	
	1650	Soots Turn	2	u			-
	1652	Shear-Palal	1	Sw			
	1654	5 hear-Petrel	(5			
	1656	5 hear - Petrol	1	5W			
	1700	Wedagetails	2	W			
	1705	wedgetail		w			
	1707	Julyen up	3	N -		- returned at 1734 - One of the three turning into	
		wilgite of	4			the sun briefly flushed a silhouette of the tail	
-		Sooty Turn	2			there was a small but definite nounded projection	
	1718		1	SES.	/	from the central tout feathers. Presumably the other two birds were of the same species Dignit	ing
		Scotysh	1				
	0138	WT	2	SE			
	1739		1	SE			
		ShPehel sp	1	0 -			
	1742	WT	2	56			
	1743	wT	1	S€			
	1746	Sh. Pehel sp	1				
	1756	14 11	1				
	1803	11 11	1	se		i Tw	
	1805	11 11	1	SE			
		Sooty Shooter	1		V		
	1830	observatn	6.6		lad		
	1 30	observation) (morna			
	9						



55W

	time	species	#	dir.	het.	remarks	loc.
		ouser citra					
	0600	Sooty Sh	\				
7	0613	DRP	\				
	0624	Pelvel-Shwaler	1	56			
	0647	WITB	1	e			
	0649	WT	1				
	0653	Sh. Petel	3	56			
	06541		2	SE			
	0659	16 16	1	N			
	0700	Sooty Sh	1	S	/		
		Sh. Pehel		S			
AME	0703	Bonin Petrel	١	SW			
		Sooty SM	1	S			
	0706		١	S			
Train	0708	Bonin Petral	١	S			
	0710	WT	1	W			
		Common Noddy	1	N			
	0712	Newells	ス	N			
		Sh. Petrel		2			
		Sh. Petrel					
		1) 11	1	SE			
		Bonin Petrol		S		adult notte olde plus	
	0723			N		adult noth with pur	
	0724			N			
		Sh. Petel Sp	1	N			
	0725			2			
	0751	streetu sp	13	2_		These bild, seen during weather 13 bils	
				5		in sightings	
	0753	ts (1	2	56	Ti-		
	0751	WT	1	N			
	0758	RFB	}	N			
	0758	wT	1	N			
	0802	RFBALL		5 W			
	0803	w whentail	2	5			
	0904	Nodely Toin	2	W			
	0805	w estactoil	1	5 N			
	0806	Nuclls 5	1	5		-> / 1 ₆	
	0807	Soots Shar	,	5			
	0808	Wedgetail	,	gw		- A	
		Weltzetoù	1	5W		99 - 100	
	0810	R.F. Booley	2	SW		0.00	
	0811	Newells 5	1	5			
	1812	0	2	SĒ	V		
1	1813	Sorty Sherr		SW			
1	1814	Sooly shear		5	0		
	1813	Conmon Noddy	2	5E			
					1		

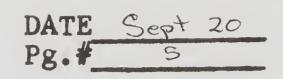
08 12 Soct 5 Show 3 52 08 17 08 17 Soct 08 18 Soct 08 Soct 0		time	species	#	dir	het	remarks			loc.
0 217 3 20 3 2 3 2 5 2 5 2 5 2 5 2 5 2 5 2 5 2 5 2						-	- Vicinia & VIV			
0919 South of July 2 SE 0921 RF Burly 1 SW 0921 RF Burly 1 SW 0922 Walter tool 3 SW 0924 Swift Sham 1 SW 0929 Swift Sham 1 SW 0931 Swift Sham 1 SW 0932 Swift Sham 1 SW 0932 Swift Sham 1 SW 0933 Walter tool 1 SW 0934 Walter tool 2 SW 0934 Walter tool 2 SW 0934 Walter tool 1 SW 0935 Walter tool 1 SW 0937 Walter tool 1 SW 0938 Walter tool 1 SW 0948 Walter tool 1 SW 0958 Walter			Sout 5 Lega	Í	SE					
0320 Windowskill SW 1527 SW 1527 SW 1527 SW 1527 SW 1527 SW 1527 SW SW SW SW SW SW SW S			wedgetoil	1		1	Park			
0 0 22 A F Back Sw Sw Sw Sw Sw Sw Sw S			Sooty sheer	2	SE					
05 22 Stroky School 1 5 5 5 5 5 5 5 5 5				1						
0923 South Share 1 5 50 202 South Share 1 5 5			. 11	1						
0324 Visite The 1 SW 0327 Convert Art 1 SW 0327 Convert Art 1 SW 0328 South Share 1 SW 0328 South Share 1 SW 0328 South Share 1 SW 0338 South Three 1 SW 0338 South Three 1 SW 0333 North Share 1 SW 0333 North Three 1 SW 0333 North Three 1 SW 0333 North Three 1 SW 0331 Visite Three 1 SW 0331 South Three 1 SW 0333 South Three 1 SW 0330 South Three 1 SW 0333 South Three 1 SW 0340 South Three 1 SW 0351 South Three 1 SW 0353 South Three 1 SW 0353 South Three 1 SW 0353 South Three 1 SW 0350 South Three 1 SW			Souts Shear	1						
0925 Sorty Shore 1 Sw 0727 Common story 1 Sw 0727 Common story 1 Sw 0727 Swort Shore 1 Sw 0727 Sorty Shore 1 Sw 0727 Sorty Shore 1 Sw 0727 Sorty Shore 1 Sw 0737 Whiteful 2 Sw 0737 Michael 1 Sw 0730 Michael 1 Sw 0737 Michael 1 Sw 0730 Michael 1 Sw 0740 Michael 1 Michael		0823		3						
0326 South Sheer Sw. 0427 Comment Addy S. 0428 Rominto of (Sw. 0428 Rominto of (Sw. 0429 Cost) South (Sw. 0430 Watcheld (Sw. 0430 South Town (Sw. 0430 North Town (Sw. 0431 North Town (Sw. 0431 North Town (Sw. 0441 South Stan (Sw. 0441 Sw.						1				
OS28 Society I 50				,		1				
0528 Sort 5 Sheer 1 5 SW 0528 Sort 5 Sheer 1 5 SW 0531 Sort 5 Sheer 1 5 SW 0531 Sheer 1 5 SW 0531 Sheer 1 5 SW 0531 Sheer 2 5 SW 0531 Sheer 2 5 SW 0531 Sheer 1 5 SW 0541 5 Sort 5 Sheer 1 5 SW 0543 5 Sort 5 Sheer 1 5 SW 0550 5 Sort 5 Sheer 1 5 SW 0500 5 S				1	500					
Ser 30 Secretary 1 Sec 18 Sec			7	1	15					
Set State of 1 Set State of 1 Set Ossal State of 1		0828		1-	E	-				
C \$ 3 Socty Show Sw Sw O \$ 34 White the I Sw O \$ 34 Socty Show I Sw O \$ 44 Socty Show I Sw O \$ 44 Socty Show I Sw O \$ 45 Socty Show I Sw O \$ 53 Socty Show I Sw O \$ 53 Socty Show I Sw O \$ 53 Socty Show I Sw O \$ 50 Socty Show I Sw O \$				(5ω.					
0833 North Town 1 5 W O834 Workstad 2 5 W O834 Borner hap 1 5 W O837 North tad 2 5 W O837 North tad 2 5 W O837 North tad 1 5 W O837 North tad 1 5 W O843 Sorts Town 1 5 W O853 Borner hap 1 NW O855 Sorts Town 2 NW O855 Works Town 2 NW O855 Works Town 1 5 W O855 Works Town 1 1 5 W O856 Works Town 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				1						
0833 Modifical 1 SW 0834 Wholestand 2 SW 0837 Wholestand 2 SW 0838 Wholestand 2 SW 0839 Wholestand 1 SW 0841 Soots Show 1 F 0843 Soots Turn 1 S 0844 A.F. Booky 1 SW 0853 Bornes AP 1 SW 0855 Bornes AP 1 SW 0855 Bornes AP 1 SW 0856 Commental 1 SW 0870 Soots Show 1 SW 0870 Soots Show 1 SW 0870 Commental 1 SW 0870 Commental 1 SW 0870 Soots Show 1 SW 0870 Soots Show 1 SW 0870 Commental 1 SW 0870 Commental 1 SW 0870 Commental 1 SW 0870 Soots Show 1 SE 0870 Commental 1 SW 0870 Soots Show 1 SE 0870 Soots Show 1 SE 0870 Commental 1 SW 0870 Soots Show 1 SE 0870 Soots Show 1 SW 0970 So				1		~				
0834 Waketail 2 See 0837 Waketail 2 See 0837 Waketail 1 See 0837 Waketail 1 See 0844 Soots Sheen 1 E 0844 Soots Sheen 1 See 0843 Soots Turn 1 S 0840 Waketail 1 See 0850 Waketail 2 See 0850 Waketail 2 See 0850 Bomb AP 1 Nee 0851 Bomb AP 1 Nee 0858 Soots Shore 2 Nee 0858 Bom AP 1 See 0808 Soots Shore 1 SE 0808 Soots Shor		1	171	1						
Common Acoldy 1 Costs Bounded 1 Costs Sorty Share 1 Costs Water tail 1 Costs Borner tail 1 Costs Borner tail 1 Costs Borner tail 1 Costs Share 2 Costs Share 2 Costs Share 2 Costs Share 1			Nodely I on	1						
0831 Whitetal 2 Su 0837 Whitetal 1 Su 0837 Whitetal 1 Su 0841 Social Shan 1 E 0842 Social Shan 1 E 0843 Social Turn 1 Su 0844 A.F. Booky 1 Su 0851 Social Social 2 Su 0853 Social Social 2 Su 0853 Social Shar 2 Su 0858 Social Shar 2 Su 0858 Social Shar 1 Su 0800 Social Shar 1 Su 0800 Commented 1 Su 0800 Com		0834	1 1 1							
0837 Widefaland 1 500 0837 Widefaland 1 E 0841 Soots James 1 S 0844 A.F. Booky 1 Su 0853 Somethand 2 Sa 0853 Somethand 1 Nu 0853 Somethand 1 Nu 0858 Somethand 1 Su 0890 Soots Shore 2 Nu 0800 Soots Than 1 Su 0808 Soots Than 1 Su 0808 Soots Than 1 Su 0808 Soots Than 1 SE	3418	0836	Banin MY		1					
0841 Souty Shan 1 E 0842 Widefall 1 Sw 0843 Souty Turn 1 S 0844 A.F. Booky 1 Sw 0854 A.F. Booky 1 Sw 0855 Souty Shen 2 War 0858 South AP 1 NW 0858 South AP 1 Sw 0858 South AP 1 Sw 0808 Souty Shen 1 Sw 0809 Widefall 1 Sw 0806 Cemmen Modely 1 Sw 0807 Two Modely Torn 1 SE 0808 Commen Modely 1 Sw Modely Torn 1 Westpall 4 Frigale 1 Westpall 4 Frigale 1 Westpall 4 Frigale 1 Westpall 4 Frigale 1		0831	Mulgitan	2	3					
C\$13 Waterball 5 W 0\$13 Scotts Town 5 0\$14 A, F Booky 1 Jan 0\$14 A, F Booky 1 Jan 0\$15 Waterball 5 0\$50 Waterball 5 0\$50 Waterball 5 W 0\$53 Bornin hop NW 0\$53 Bornin hop NW 0\$53 Bornin hop SW 0\$00 Sootty Shore 2 WA 0\$10 Waterball 5 W 0\$10 Waterball 5 W 0\$10 Waterball 5 W 0\$10 Waterball 5 W 0\$10 Common Nobby 5 W 0\$10 Sootty Town 5 E 0\$10 Gornin Nobby 5 W 0\$10 Sootty Town 5 E 0\$10 M.F. Booky 5 W 0\$10 M.F. Booky 1 SW		0834	Wedgetoul	1	Su				200	
6542 Workshold 5 w		6841	Sorty Shear	1	E	-			-0.	
0843 Soots Term 1 5 0846 R.F. Booky 1 5W 0841 Westquil 2 5W 0851 Sorts top 1 NW 0853 Borner top 1 NW 0853 Soots Shor 2 NW 0808 Soots Shor 1 SW 0808 Westquil 1 SW 0808 Soots Term 1 SE 0408 Common Toddy 1 SW Soots Shor 1 SW 0808 Soots Term 1 SE 0408 Common Toddy 1 SW Soots Shor 1 SW 0808 Soots Term 1 SE 0408 Common Toddy 1 SW Travelling Nobly Term 1 Westquil 4 Enigote 1 SW 0811 Borner to 1 SW			1 1	1	5w					
0846 A, F Booky 1 5w 0840 Welgeted 1 5 0850 Welgeted 2 5w 0851 3 mits to 1 1 NW 0855 South 5 P 1 NW 0855 South 5 P 1 5w 0800 Welgeted 1 5w 0800 Common Nodels 1 5w 0800 South 7 wn 1 5E 0800 South 7 wn 1 5E 0800 South 5 P 2 W 0800 South 5 P			0	1	5				20	
User Wardented 1 5 was objected 2 5 was objected 1 8 was objected 1 8 was objected 1 8 was objected 1 5 was				,	-1				25	
0850 wedgeted 2 500 0851 Somethof 1 NU 0853 Somethof 1 NU 0853 Somethof 1 NU 0853 Somethof 1 NU 0855 Somethof 1 SW 0808 Somethof 1 SW 0804 RF B 0905 wedgeted 1 SW 0906 Cammen Model 1 SW 0906 Cammen Model 1 SW 0908 Somethof 6 SW 0908 Common tooldy 1 SW 0908 Common tooldy 1 SW South Shoot 1 SE 0908 Common tooldy 1 SW South Shoot 1 SE 0908 Common tooldy 1 SW South Tool 1 SW 0910 AF Booley 1 SW Travelling Notified Tool Wedgeted 4 Frigate 1 SW 0911 Borner 1 1 SW			1 1 1	1	Ju					
0851 Borner to 1 NW 0853 Borner to 1 NW 0858 Borner to 1 SW 0900 Sorty Shore 1 SW 0901 RF B I W 0905 Wedgeted I SW 0906 Cerman Nodely I SW 0907 Wedgeted 6 SW 0908 Sorty Ten I SE 0908 Common Toddy I SW Sorty Shere I SW Sorty Shere I SW 0908 Common Toddy I SW Sorty Shere I SE 0909 Borner Toddy I SW Travelling Nodely I'm I Wedgeted 4 Frigale I Wedgeted 4 Frigale I SW		1	. 0 //	1	5					
0833 Bornin to P 1 Nu Osas Sorty Shor 2 Nu Osas Sorty Shor 1 Sw Oso 9 Sorty Shor 1 Sw Oso 9 Sorty Shor 1 Sw Oso 9 Neelystell 1 Sw Oso 1 Oso Weelystell 1 Sw Oso 1 Oso 1 Oso 1 Sw Oso 1			0 1 1	2					9_	
0435 Sooty Shor 2 WW 0808 Sooty Shor 1 5W 0900 Sooty Shor 1 5W 0905 Welgetal 1 5W 0906 amoun Noddy 1 5W 0908 Sooty Ten 1 SE 0908 Common Noddy 1 SW Sooty Shor 1 SE 0908 Common Noddy 1 SW Sooty Shor 1 SE 0909 AF Booky 1 SW Noddy Ton 1 Wedgetal 4 Engote 1 Wedgetal 4 Frigate 1 Wedgetal 4 Frigate 1 SW	Eug.			1						
0935 Sordy Shor 2 500 0838 Born to P 1 500 0904 RFB 1 500 0905 Wedgetail 1 500 Dark 0906 Common Noday 1 500 0908 Sordy Jan 1 5E 0908 Common Today 1 500 Sorty Shor 1 5E 0909 Bork F. Booky 1 500 0910 AF Booky 1 500 Noday John 1 Wedgetail 4 Frigate 1 0911 Borna of 1 500	SUP			1		1				
0838 Some to P Sw O900 Sorty Shore I Sw O906 Ref B I w O906 Common Nodoly I Sw O908 Sorty Turn I SE O908 Sorty Turn I SE O908 Common Today I Sw Swety Shear I SE O908 Common Today I Sw O908 Common Today I Sw O908 Common Today I Sw O909 Shear I SE O909 Ref. B. B. B. Booling I Sw O910 Ref. Booling I Sw O911 Ref. Booling I Sw		0835	sooty shor	2	pn				-333	
6904 RF B 0905 Wedgetail I SW 0906 Common Norday I SW 0908 Soots Ten I SE 0908 Common Norday I SW Soots Shear I SE 0909 RF Booky I SW Soots Ten I SE 0909 RF Booky I SW Travelling Norday I on Wedgetail Frigate 1 SW	18 E	0838	Bonn to P	1	5W	1			0.00	
0905 Wedgethil I SW Dark 0905 Wedgethil I SW 0907 Wedgethil I SW 0908 Soots Turn I SE 0408 Common Modely I SW Soots Sheen I SE 0409 M. RIF. Booky I SW 0910 AF Booky I SW Volestin I H Frigote I 0911 Books I SW		0900		1	5W	1				
0905 Wedgetail 1 SW Park 0906 Common Nodaly 1 SW 0908 Soots Ten 1 SE 0908 Common Todaly 1 SW Soots Show 1 SE 6409 R.F. Booky 1 SW Valgetail 4 Frigale 1 0911 Bonin to P 1 SW		0904	RF B	1	w					
0906 Common Noddy 1 5w 0908 Sooty Ten 1 5E 0908 Common Noddy 1 Sw Soots Shew 1 SE 0909 De R.F. Booky 1 Sw Value Tonavelling Noddy Ten 1 Wedgetail 4 Frigode 1 0911 Borna 4 P 1 Sw			wedgetail	1	Sw	Dark				
0908 Soots Turn 1 5E 0908 Common Tooldy 1 SW Soots Shear 1 SE 0909 R.F. Booley 1 SW O910 R.F. Booley 2 W Travelling Nodely Tern Weolgstril 4 Frigate 0911 Bonin + P 1 SW				1						
0908 Sooly Ten 1 SE 0908 Common Nodoly 1 See Sooly Shear 1 SE 0909 R.F. Booley 1 Su O910 AF Booly 2 W Volytail 4 Frigale 1 0911 Brown + P 1 Sw				/			2 do b - not allow h		1	
9908 Common Toddy 1 Sw Soots Shear 1 SE 0909 R.F. Booky 1 Sw O910 R.F. Booky 2 W Woolgytwil 4 Frigate 1 0911 Bornin 1 P 1 Sw			0)	0		1	Lacott			
Soots Shear 1 SE 6909 Br. R.F. Booky 1 Sw O 910 AF Booky 2 W Woodstril 4 Frigate 1 O 911 Bonin 1 P 1 Sw				1	3E					
Sooty Shear 1 St. Sooty Shear 1 Sw O 910 RF Booky 1 Sw Vodely Tern 1 Wedgetail 4 Frigate 1 O 911 Bonin 4 P 1 Sw		0908	Common Toddy	1	Sw	1				
Superior of the Booky 1 Sw Office AF Booky 2 W Woolgstaid 4 Frigate 1 Office Booky 1 Sw Travelling			Sorte 5 hear	1	SE	1		1 7.		
Solve of the state		64.06	^	1				16/		
Wedgetail Frigate 1 Brain + P Sw		10909	KIF. Booky	1	310					
Weologitail Frigate 1 Bornin of P 1 5 W	(0910	AF Books	2	w		Travell:	7		
Frigate 1 Bornin to P 1 5 W	,)		1 11	1			· maring	633		
Frigate 1 Sw Frigate 1 Sw	13		1 1 1	4	1	1		7" 1 1-1		
0911 Bonis 4 P 1 SW	1		0 /)	1				4 2		
13 may be	-		7	1				p w		
		0911	Brownie Le P	1	SW			1 41		
A W		0912	4 /	1	58			(, , , ,)		
			Longer	1				A_ W		



				•			
-	time	species	#	dir.	hgt.	remarks	loc.
	6913	wodatoil	4			1 0 / - 6	
	0414	Soots shear	,	E	-	mot a block not a block	
BWF	0915	Warhartail	7	sw		nata flock	
	. , , ,	Connon Noddy		w			
		Sooty Sheon	ŧ	W			
BUT	0918	Bonin Lo P		SW			
	D920	Shear-Pat	1	Siltin	gan	water	
	0926	,	2	3.0			
BUP	6927	Barintol	2	SW			
	0928	3 4 , 1	1 2	S Sw			
	0930	Soots 5 hear	2	E	V		
	0932	v ellestails	2	6			
BUP	0 933	Bonin to P	1	SW			
	0934	Wichgetoil	(5w			
	0936	wilgital	3	SW			
	0938	wedgetruil	2	SW			
L	0940	3	10	SW	Feed		
Kup.	0941	Banin to P	6	SW	ta	Slowk	
	0943			SW	nela		
BUR	0944	1		5w	- Aura	block	
(700	-	-	- all realthred allower - the gathering?	
2 (wiolgetouls		5w			
		6 / 1	1	Sw			
	4000	1 4 10	4	SW			
61.0	1404	Bonin Lo P	1	Ē			
BLP	1006	A F Booky	1	F		10/7.	
		, ,	2	500			
	1009	wolfstant		SE		15 - 7	
	1009	wodeptail	2				
	1011	Wedgetal	2	3		W	
	1012	Widgetail	4	5W			
21112	1014	Bomin to P	1 3	5 W			
	1017	Common Noday	3				
	1018	Common Nodely	2	W			

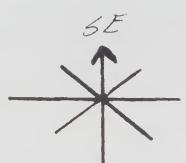


	ime	species	#	dir.	het.	remarks	loc.
	1014	RFB	1	W		imuature - nota flock	
		arn Booky	6			in the control of the	
		Weekstoil Barin to P	8				
Sw 72			(
	1020	Wedgetall Wedgetart Common Toldy	2	SĒ		Travelling	
4 {	1024	widgitait	12	SF -			
		Common Toldy	8				
	1028	Common Norday	1	3E			
		Soot Shorwater			V		
	10.20	Common Nodoly Soroty Shorwater Wilgeton's Common Nodoly	(Ē			
	14.3		H			nota block.	
	10 30	Comon Nocholy	4				
	1031	BRN Booky		6		innature	
		comen Nodely	2	E			
4	1032	Sooty 5 hour	38	SE	V	Travelling	
7	1033	Common Noddy	2				
	1634	Scrots shor?	6	SE		neta block	
	1035	Common Nodely	2	W		not a black	
	1035	RFB	3	5 W		not a print	
		Scoty Shon	7	5Ē	L.		
		wedgetail	4	W		· -f-	
	10 36	BAN Books	1	6		invature Lelins	
			5	SE	0	nota flors.	
	1038	Sooty Shear	3	Sw		4	
	1039	RFB Brn Books	1			16"	
	1042	Brn Booky		ω		2 innature	
	1041	AFB	4	W			
	1/5.1.6	Comment Vadelys	3	W			
	1054	Common Soddy BFB Weelqetail Common Nedely	1				
		RFB	2				
		Wedgetail	1				
	1055	Comma Neddy RFB	3	5			
		Comma Nolly		5			
	1057	WT	1	S			
	1058	RFB	1	S			
	10						
					1		





	time	species	#	dir.	hgt.	remarks	loc.
	1100	CN	1	SW			
	1103	RFB	1	NE			
	1104	REB	١	Su			1
h	1106	CN	2	SW			
	1108	RFB	2	2			
	1113	CN	1	SW			
	1116	c N	3				
	1121	CN		W			
	1125	CN		W			
	1128	CN	2	W			
	1129	RFB	1	SW			
	1130	G. Fry ale	\	NE)
	1130	WT	}	5E			
	1133	CN	3	SE			
62	1144	CN	W±			travelling	
	1145	CN	H	S			
7	1147	CN	25± 3	E -		- travelling	
	1149						
	11150	Obser. Con	ref				
					1		
							V.
							- /



DATE 12 Sant 64
Pg.# 5

						0601 sun	ret		
	time	species	#	dir.	hgt.	remarks			loc.
JEA	1747	PRP Wadsylvil MNP Howouth SP. DRD Bamills P DRD DRD DRD Talabre wat	1	5W					
	1752	Wedgetoil	1	50		Durk			
F	12.7	NN P		6					
11572	1800	D.Q.D	2	5					
0.381	1803	Bamilles	1	SĒ					
JEN	1804	DAD	1	5					
SFM	1809	DAP	(5					
	1817	Enclabrewat	ón	I					
1			9						
l.									
),									
r									
				- 5					

T. Cromwell September 1964 Cruise Distribution of Wedgetailed Shearwaters CENTRAL PACIFIC OCEAN 30° KURE ! * FRENCH FRIGATE SHOALS * NECKER I. NIIHAU : KAULA KAHOOLAWET 200 12 HAWAII I. KINGMAN REEF * PALMYRA I * WASHINGTON I. FANNING ! . HOWLAND . BAKERI PHOENIX ISLANDS · CANTON I ENDERBURY L MCKEAN I. . BIRNIE I. . PHOENIX I. MALDEN HULL I - SYDNEY STARBUCK L LOTELAU ISLANDS

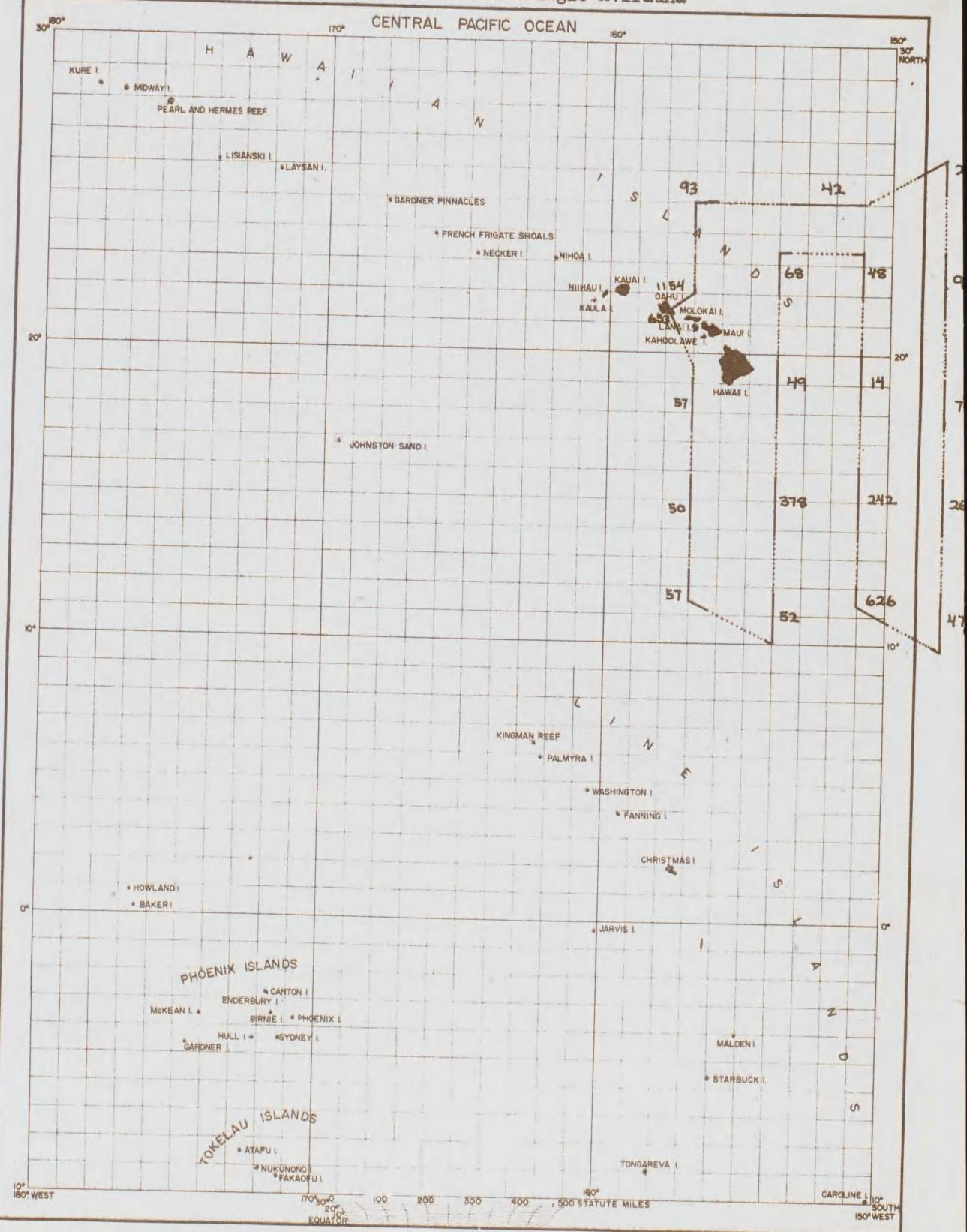
* NUKUNONO I

180° WEST

TONGAREVA I

500 STATUTE MILES

CAROLINE !

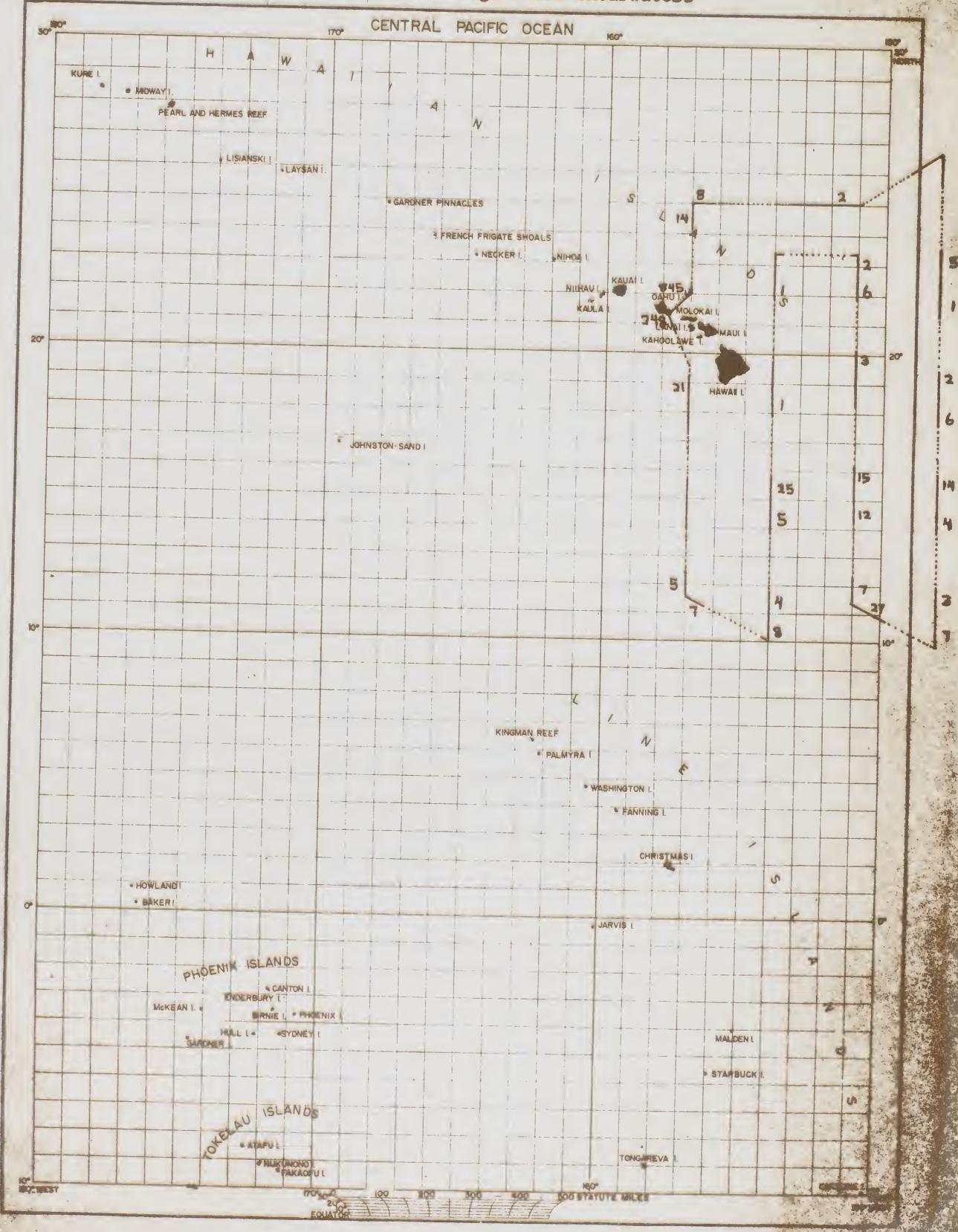


Distribution of Wedgetailed Shearwatess



T. Cromwell September 1964 Cruise

Distribution of Wedgetailed Shearwaters

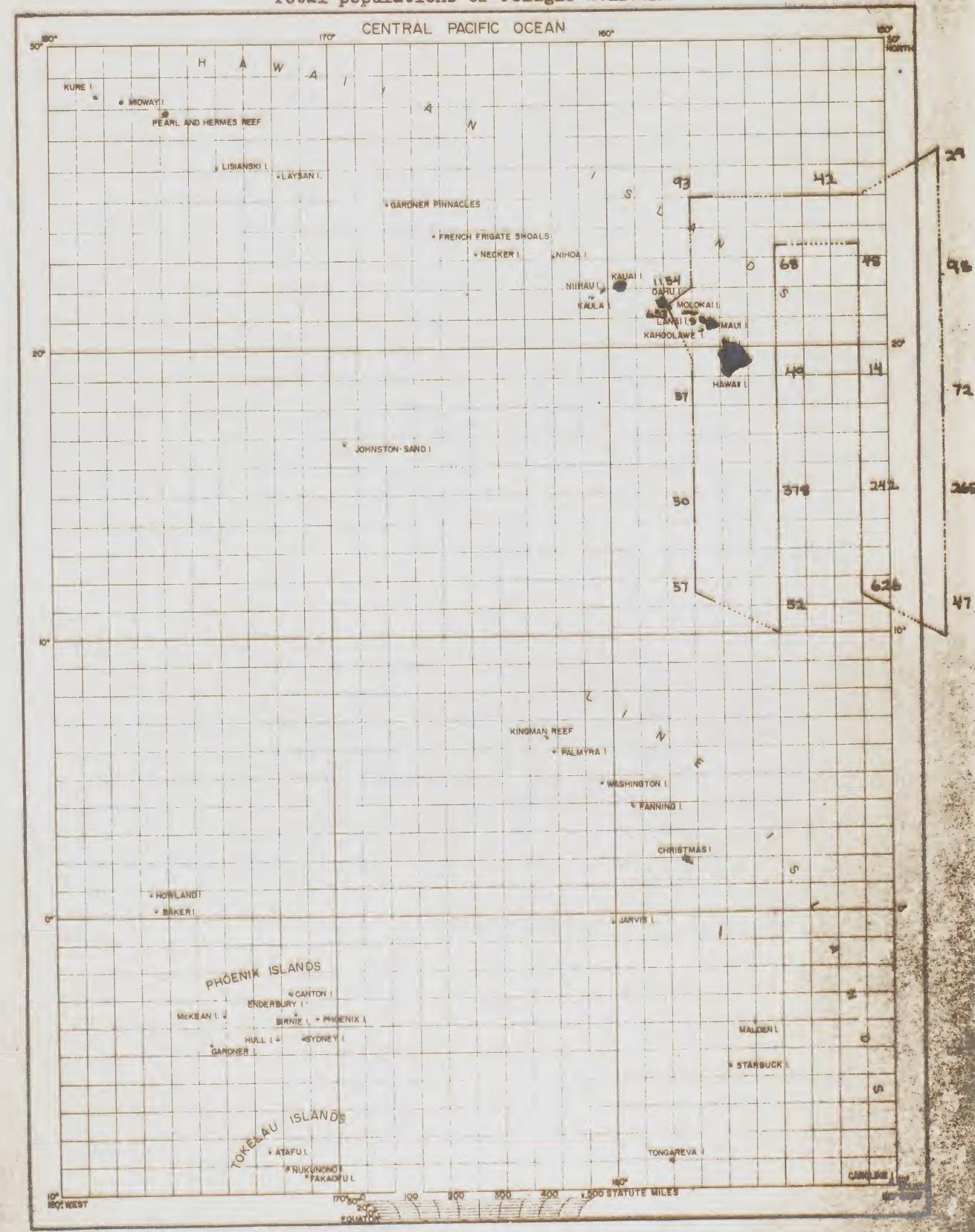


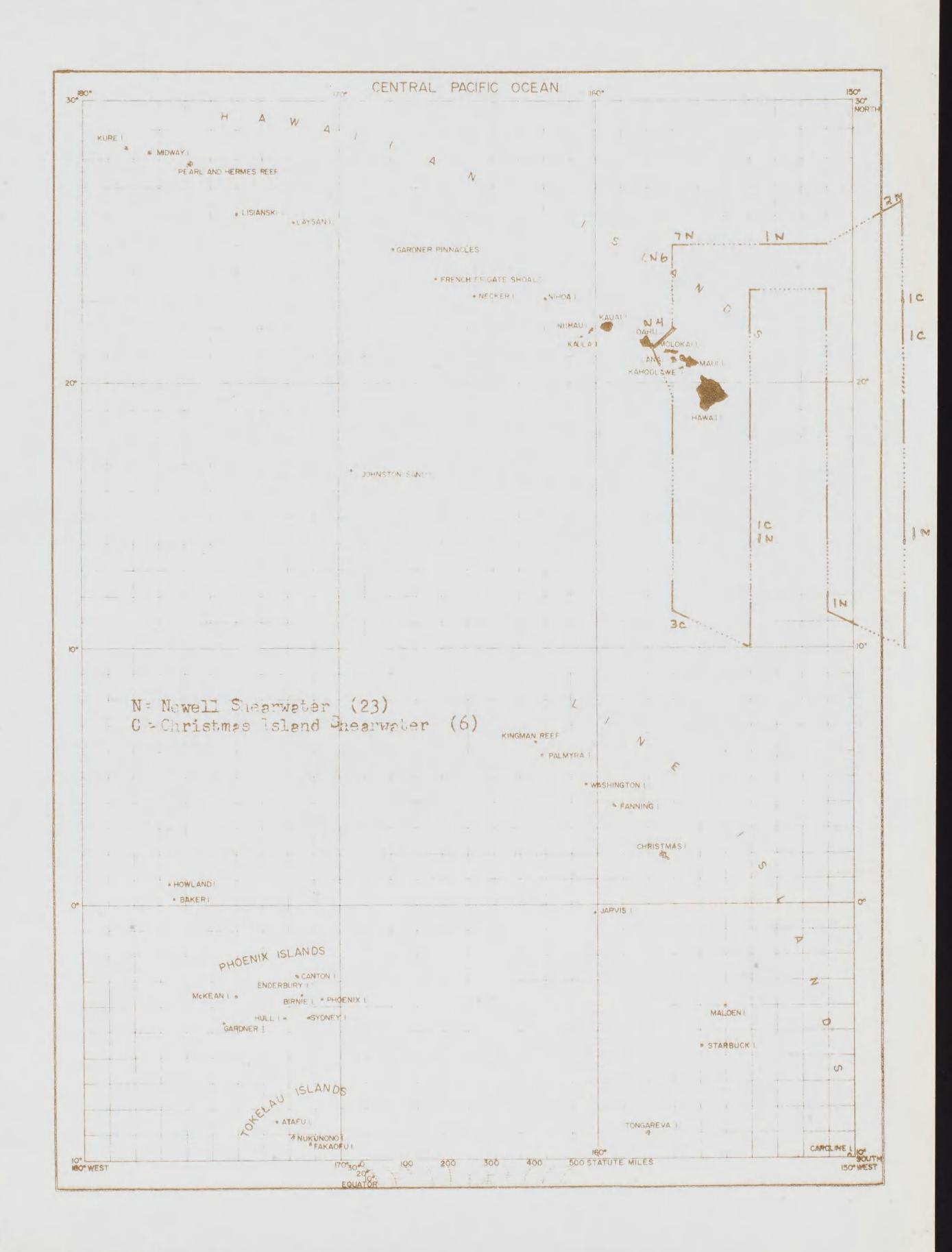
Distribution of Wedgetailed Shearwaters

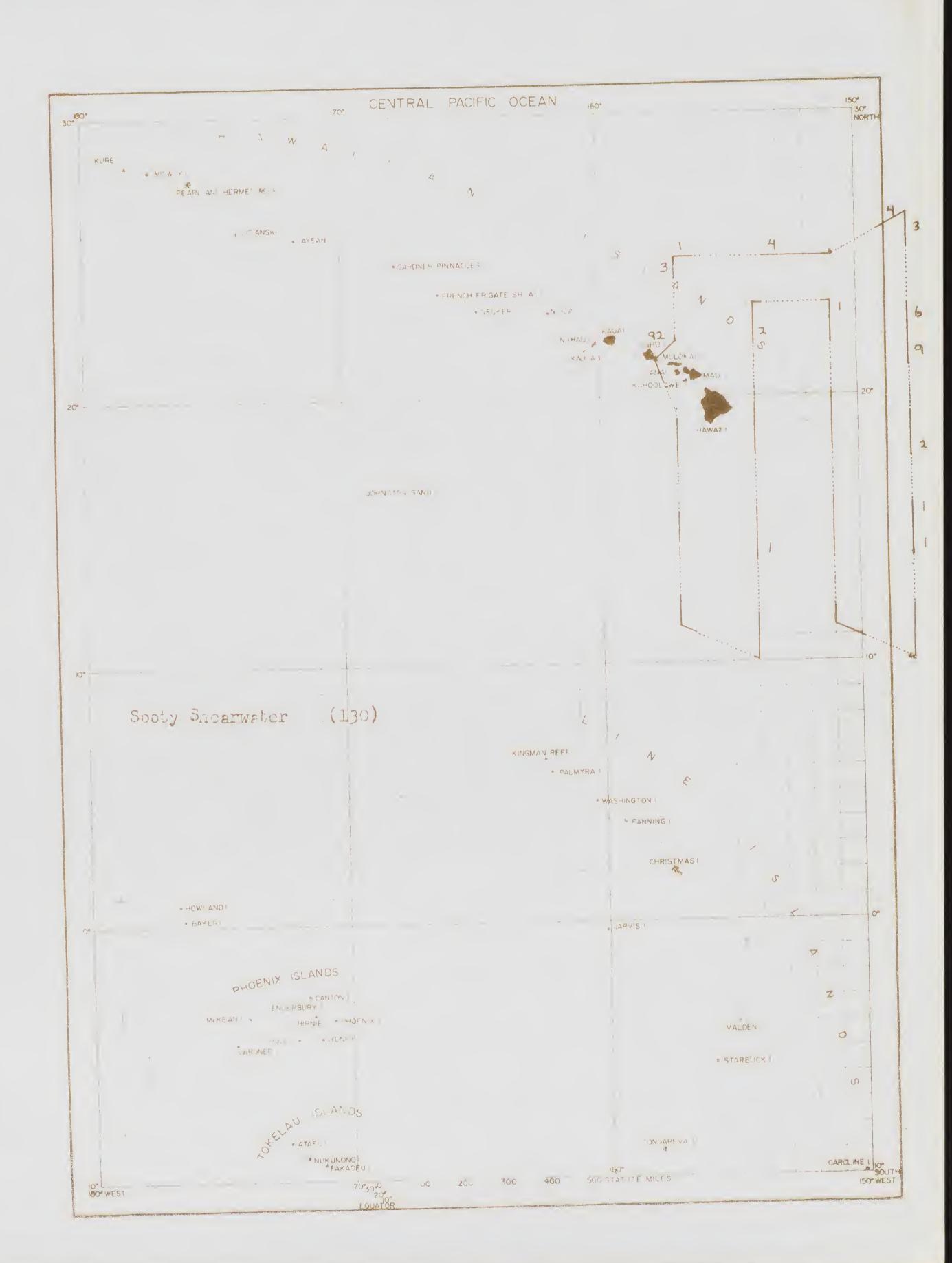


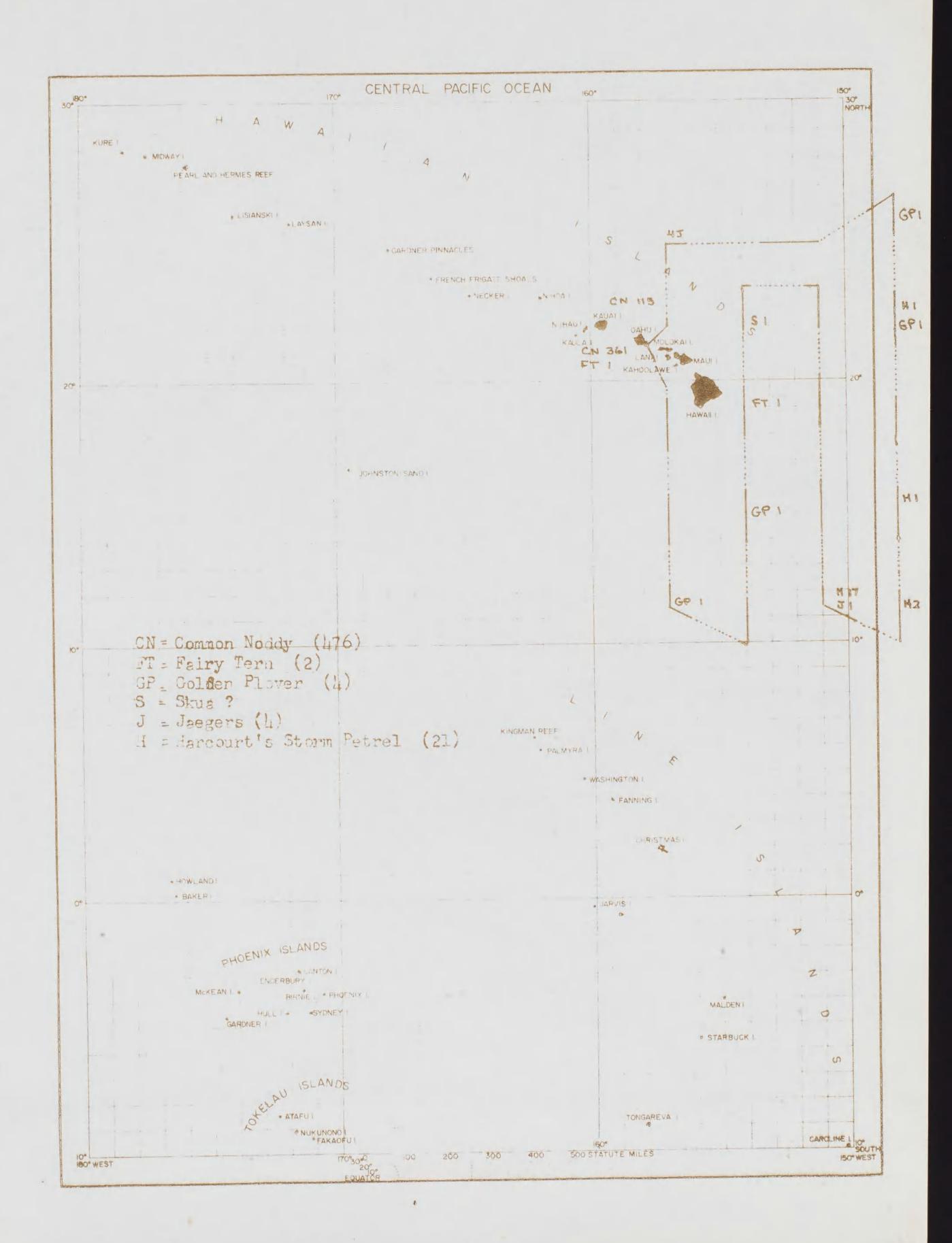


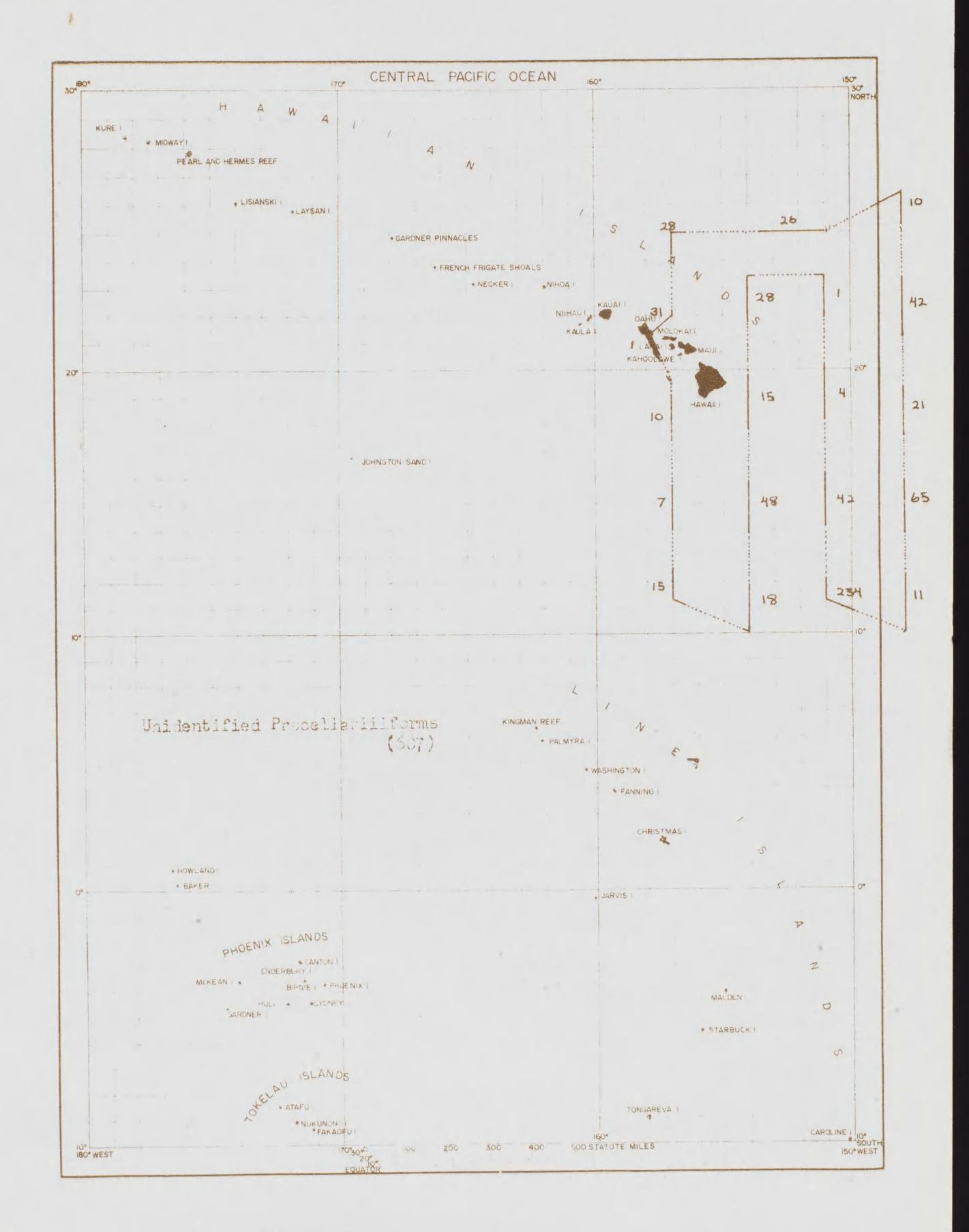


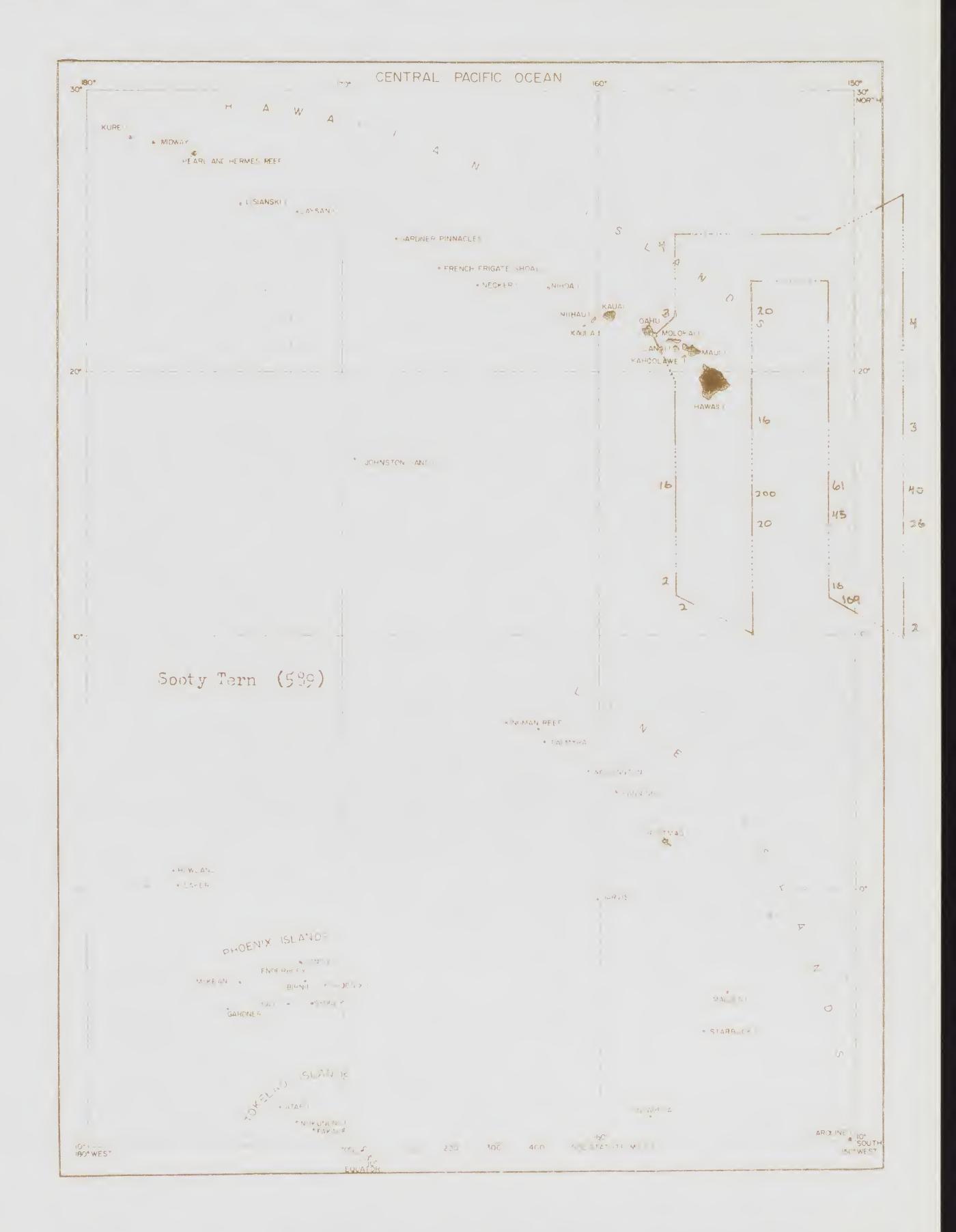


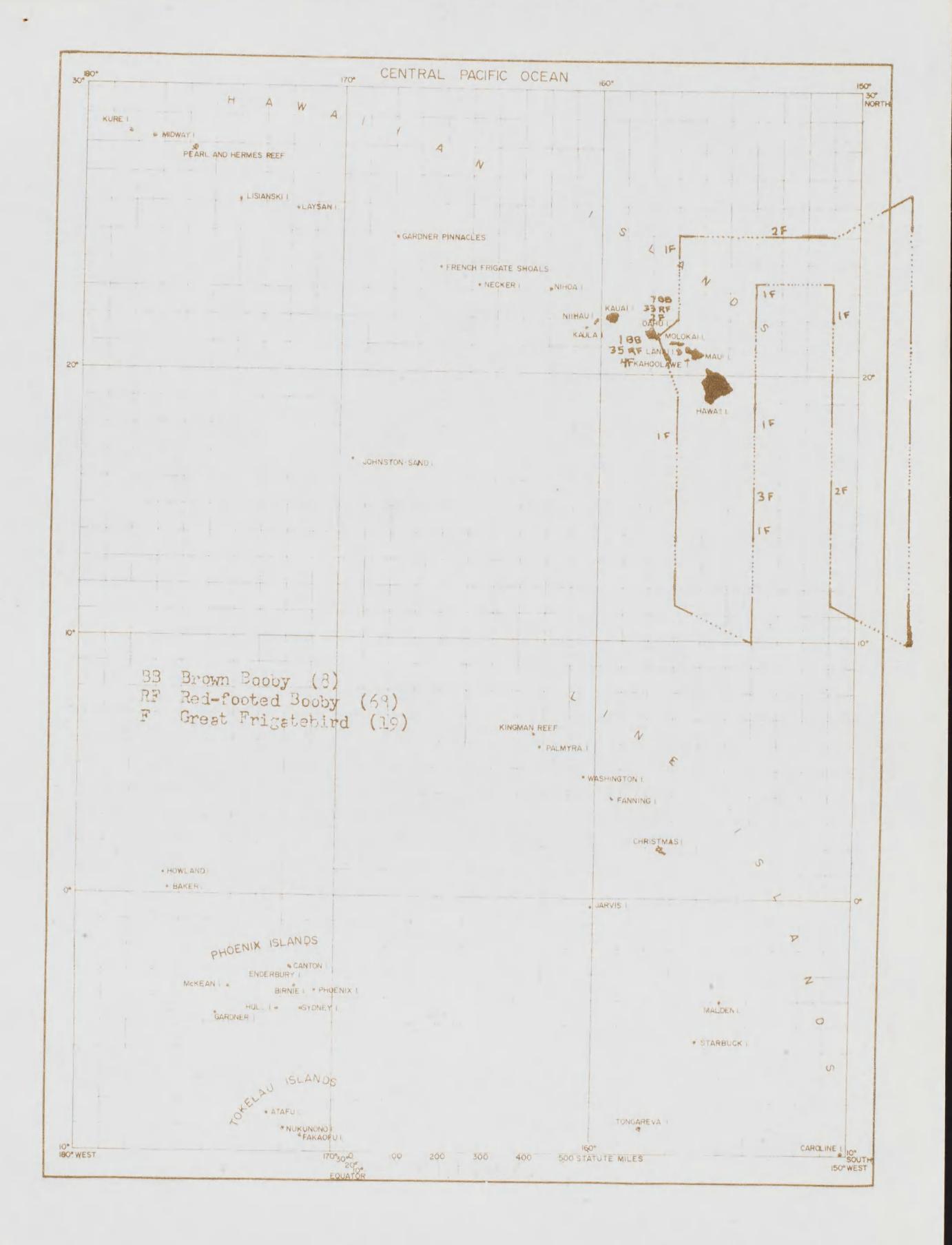


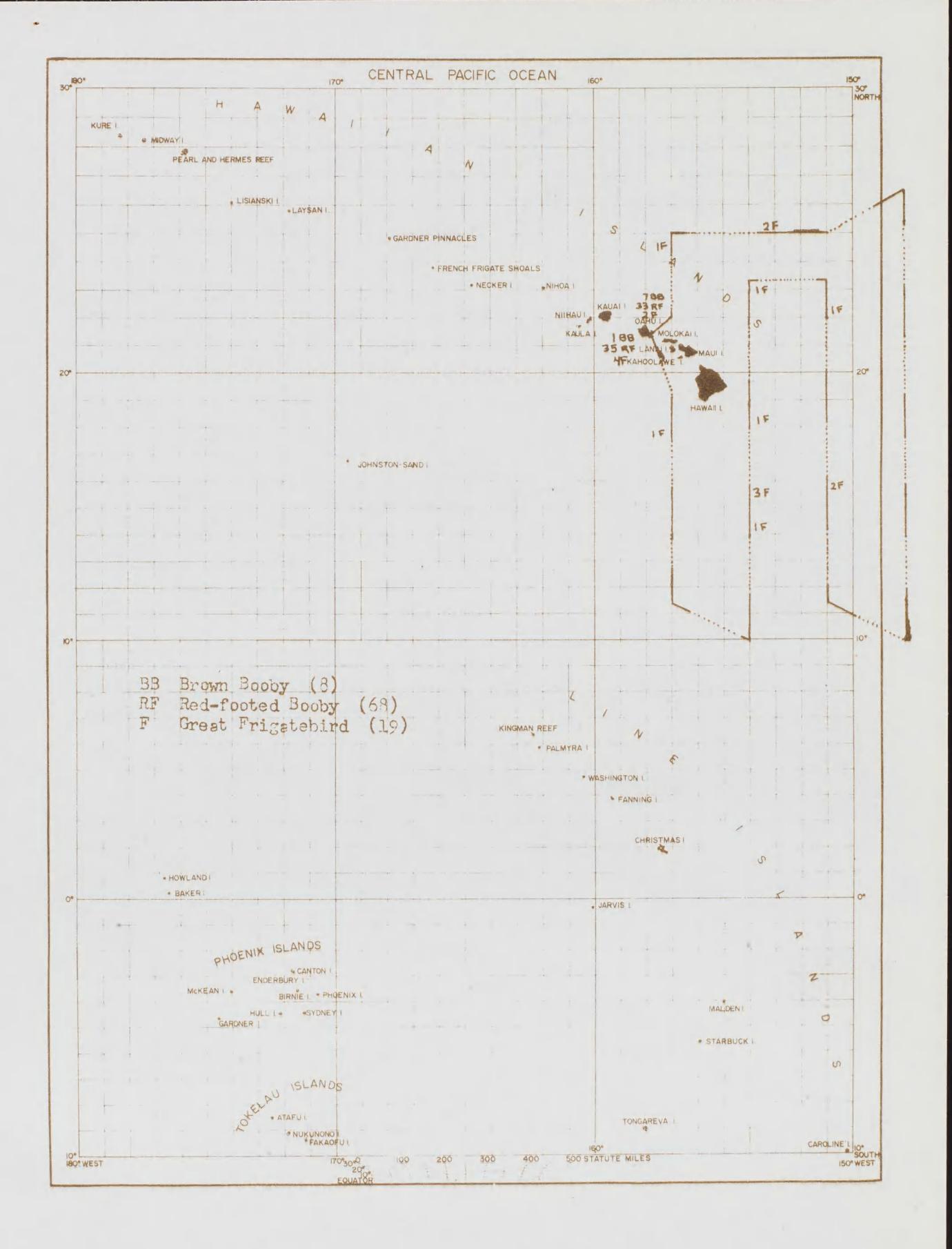


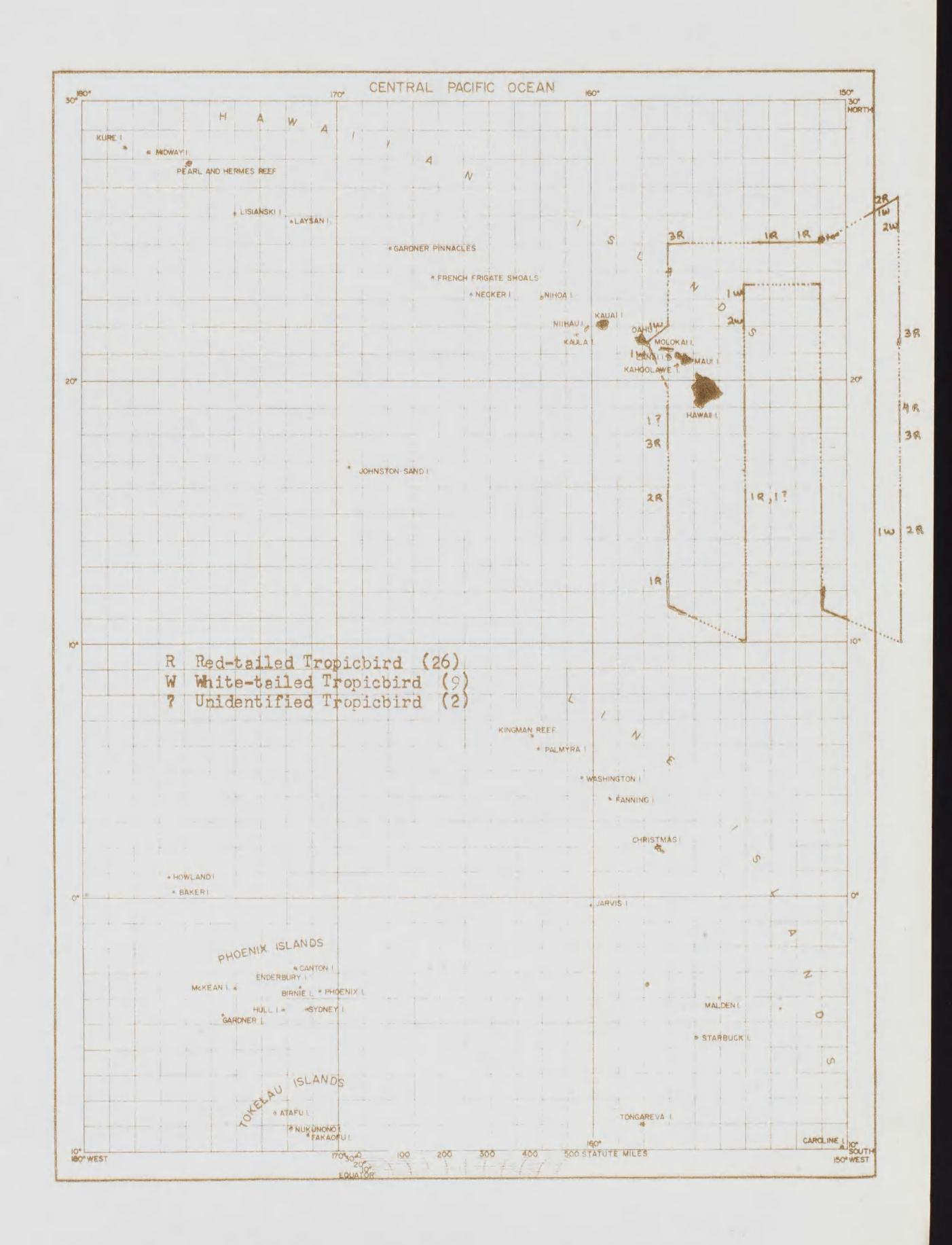


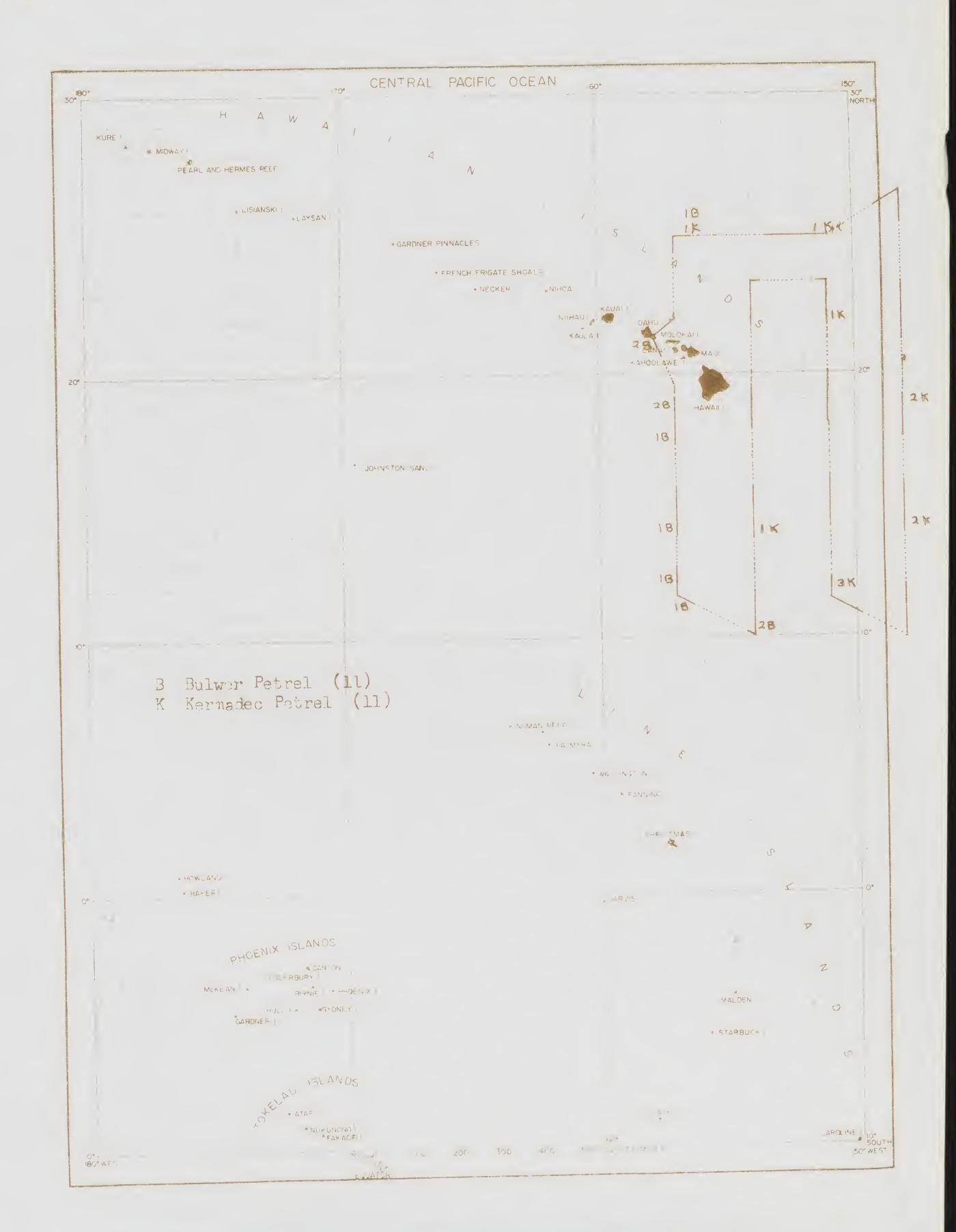


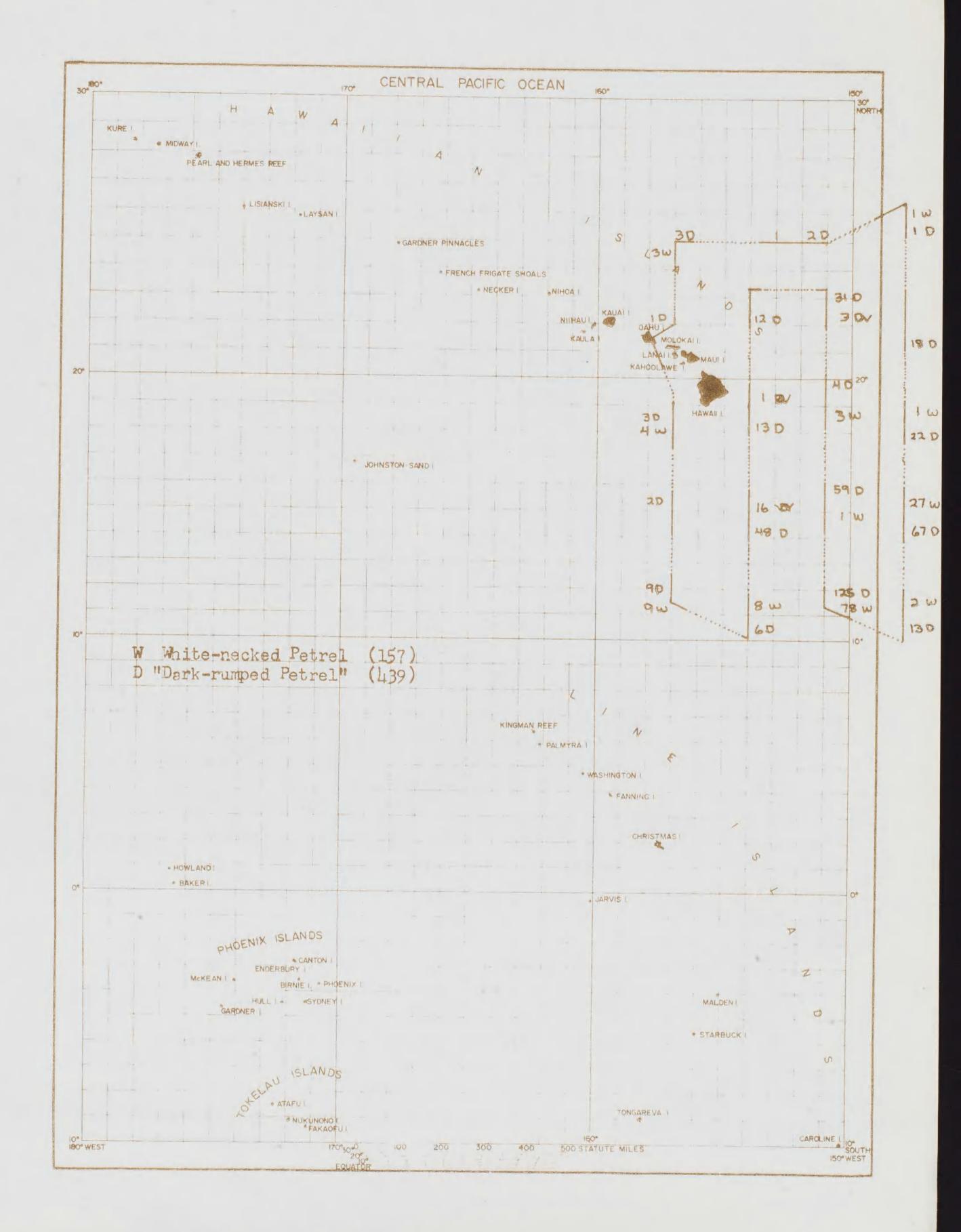












150° 730° NORTH CENTRAL PACIFIC OCEAN 30° [6 MIDWAY PEARL AND HERMES REEF , LISIANSKI I . SARDNER PINNACLES * FRENCH FRIGATE SHOAL NIHAUI KAILAI KAHOOLAWE T 4 HAWAIL * JOHNSTON SANL 10 3 "Bonin Island Petrel " KINGMAN REEF · PAL WYRA · WESH NOT Y * FANN IC E STNA . HOWLAND . 445 · DAKEH *"* P PHOEN X ISLANDS ENDERBURY POPULATION MCKEAN . AIRNIE - PHOEN X SARDNES SYDNEY 0 STARBUCK ! SLANDS in whit i * ATAFL * NUKUN IN: CAROLINE 10° SOUTH A 200 300 400 0 014T TE W. 17 10° 180° WEST

AT SEA SURVEY CHART B

DATE 1 Sept 64

Miles traveled from 0000 hours to sunrise =

Miles traveled from sunrise to sunset = 53

Miles traveled from sunset to 2400 hours = 26

TIME OF FIX TYPE OF FIX LONGITUDE LATITUDE

1.
2.
3.
4.

DATE 2 Sent 12

Time at sunrise $\stackrel{6}{=}$ Position at sunrise $\stackrel{1903}{=}$ Position at sunset $\stackrel{1}{=}$ Position at sunset $\stackrel{1}{=}$ Miles traveled from 0000 hours to sunrise $\stackrel{1}{=}$ 66

Miles traveled from sunrise to sunset =

Miles traveled from sunset to 2400 hours = 51

TIME OF FIX TYPE OF FIX LONGITUDE LATITUDE

1.

2.

3.

4.

5.

AT SEA SURVEY CHART B

DATE 3 5 ept 64

Time at sunrise = Position at sunrise = 117, 157

Time at sunset $= \frac{1838}{2}$ Position at sunset $= 14^{\circ} 12^{\prime} 1^{\prime} 1^{\prime}$

Miles traveled from 0000 hours to sunrise = 5/

Miles traveled from sunrise to sunset = 45

Miles traveled from sunset to 2400 hours = </

TIME OF FIX TYPE OF FIX LONGITUDE LATITUDE

l.

2.

3.

4.

5.

6.

DATE 4 Sept 64

Time at sunset $\frac{18}{33}$ Position at sunset $=\frac{1}{100}$

Miles traveled from 0000 hours to sunrise =

Miles traveled from sunrise to sunset = +18-120

Miles traveled from sunset to 2400 hours = 3/

TIME OF FIX TYPE OF FIX LONGITUDE LATITUDE

1.

2.

3.

4.

5.

103 - ,55

AT SEA SURVEY CHART B

Time at sunrise $= 26^{\circ 6}$ Position at sunrise $= 10^{\circ 6}$ 154 15 ω

Time at sunset = 18^{24} Position at sunset = 11° 43'N 154 60W

Miles traveled from 0000 hours to sunrise = 47

= 126 Miles traveled from sunrise to sunset

Miles traveled from sunset to 2400 hours = 64

TYPE OF FIX LONGITUDE TIME OF FIX LATITUDE

L.

2.

3.

4.

5.

6.

Time at sunrise = Position at sunrise = 13° Haw 164° How Time at sunset = 15° 5 9 N 153° 59 W 0604

Miles traveled from 0000 hours to sunrise = 62

= 130 Miles traveled from sunrise to sunset

Miles traveled from sunset to 2400 hours = 47

TIME OF FIX LONGITUDE TYPE OF FIX LATITUDE

1.

2.

7 4 1 1

3.

4.

5.

AT SEA SURVEY CHART B

Time at sunrise = Position at sunrise = 17° 14° 153° 58° 154° 154°

Miles traveled from 0000 hours to sunrise = 58

Miles traveled from sunrise to sunset

Miles traveled from sunset to 2400 hours

TIME OF FIX	TYPE O	F FIX LONGI	TUDE LATITU	DE
L.				
2.				
3.		600		11 2 3
4.		23	600	2037
5.		7 43	1225	
6.			7	

Time at sunrise = Position at sunrise $= 21^{\circ}33\%$ $133^{\circ}59^{\circ}W$ Time at sunset $= 23^{\circ}30\%$ $133^{\circ}32^{\circ}W$

Miles traveled from 0000 hours to sunrise = 77

Miles traveled from sunrise to sunset = 122

Miles traveled from sunset to 2400 hours

TIME OF FIX TYPE OF FIX LONGITUDE LATITUDE

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.

			A	I SEA SU	RVEY CHAR	ТВ	
DATE	95	A 1=1		-			
						2 C	North and
	Time	at sunset	= Positi	on at su	nset =		
	Miles	traveled fi	com 0000 ho	urs to si	unrise =	41	
	Miles	traveled fi	com sunrise	to sunse	et =	ni.	1500
	Miles	traveled fi	com sunset	to 2400 1	nours =	52	
	T	IME OF FIX	TYPE O	F FIX	LONGITU	DE	LATITUDE
	l.					21	
	2.						
	3.						
	4.						
	5.						
	6.						•
DATE	105	A 64					

Time at sunrise = Position at sunrise =

Time at sunset = Position at sunset =

Miles traveled from 0000 hours to sunrise =

Miles traveled from sunrise to sunset =

Miles traveled from sunset to 2400 hours =

TIME OF FIX TYPE OF FIX LONGITUDE LATITUDE

100

1.

2.

3.

4.

5.

AT SEA SURVEY CHART B	
DATE	-
Time at sunrise = Position at sunrise = '	
Time at sunset = Position at sunset =	
Miles traveled from 0000 hours to sunrise =	
Miles traveled from sunrise to sunset =	
Miles traveled from sunset to 2400 hours =	
TIME OF FIX TYPE OF FIX LONGITUDE LATITUDE	
l.	
2.	
3.	
4.	
5.	
6.	
DATE	
Time at sunrise = Position at sunrise =	
Time at sunset = Position at sunset = /	<i>3</i> %
Miles traveled from 0000 hours to sunrise = 57	
Miles traveled from sunrise to sunset = 122	7
Miles traveled from sunset to 2400 hours =	
TIME OF FIX TYPE OF FIX LONGITUDE LATITUDE	
1.	

- 2.
- 3.
- 5.
- 6.

AT SEA SURVEY CHART B

DATE 13 Sept 61

Time at sunrise = Position at sunrise =

Time at sunset = Position at sunset =

Miles traveled from 0000 hours to sunrise = 64

Miles traveled from sunrise to sunset =

Miles traveled from sunset to 2400 hours =

TIME OF FIX TYPE OF FIX LONGITUDE LATITUDE

L.

2.

3.

4.

5.

6.

DATE 14 5 1 1 1

Time at sunrise = Position at sunrise = 13 - 700 - 1877

Time at sunset = Position at sunset = 14.

TABI--- 435

Miles traveled from 0000 hours to sunrise = 55

Miles traveled from sunrise to sunset =

Miles traveled from sunset to 2400 hours = 55

57

13.2

TIME OF FIX TYPE OF FIX LONGITUDE LATITUDE

1.

2.

3.

4.

5.

AT SEA SURVEY CHART B

7755-11311

75/-- 936

DATE 15 5 4 4 4

Time at sunrise $=^{0.5}$ Position at sunrise =

Time at sunset = 15 ^N Position at sunset = 17

Miles traveled from 0000 hours to sunrise = 33

Miles traveled from sunrise to sunset =

Miles traveled from sunset to 2400 hours = //

TIME OF FIX TYPE OF FIX LONGITUDE LATITUDE

1.

3.

4.

5.

6.

Time at sunrise = Position at sunrise =

Time at sunset $= \frac{1}{2}$ Position at sunset = 23 29

Miles traveled from 0000 hours to sunrise = 37

Miles traveled from sunrise to sunset = 123

Miles traveled from sunset to 2400 hours = 56

TIME OF FIX TYPE OF FIX LONGITUDE LATITUDE

2 11 21

1.

2.

3.

4.

5.

AT SEA SURVEY CHART B

DATE 17547

Time at sunrise = Position at sunrise =

Time at sunset = Position at sunset =

Miles traveled from 0000 hours to sunrise = 5/

Miles traveled from sunrise to sunset = 13

Miles traveled from sunset to 2400 hours =

TIME OF FIX TYPE OF FIX LONGITUDE LATITUDE

l.

2.

3.

4.

5.

6.

D A TURE

Time at sunrise = Position at sunrise = - 4 4 4

Time at sunset = Position at sunset = 1

Miles traveled from 0000 hours to sunrise = 64

Miles traveled from sunrise to sunset =

Miles traveled from sunset to 2400 hours =

TIME OF FIX TYPE OF FIX LONGITUDE LATITUDE

1. 1871

2.

3.

4.

5.

SMITHSONIAN INSTITUTION DIVISION OF BIRDS

AT SEA SURVEY CHART B

DATE 19 5 1 1-1

Time at sunrise = Position at sunrise =

Time at sunset = Position at sunset = 13° 39° 157° oc w

Miles traveled from 0000 hours to sunrise = 62

Miles traveled from sunrise to sunset $= \frac{90}{129}$

= 90 129 729 = total min

Miles traveled from sunset to 2400 hours = 35

TIME OF FIX TYPE OF FIX LONGITUDE LATITUDE

L.

2.

3.

4.

5.

6.

די עיייי

Time at sunrise = Position at sunrise = 21°52'N 157° 05'N

Time at sunset = Position at sunset =

Miles traveled from 0000 hours to sunrise = 62

346 Poldmin

Miles traveled from sunrise to sunset = 65

Miles traveled from sunset to 2400 hours =

TIME OF FIX TYPE OF FIX LONGITUDE LATITUDE

1.

2.

3.

4.

5.

6.

DATE: Sont 64 Total Mi	inutes: 314	Total Miles	53
1. Total Abundance of birds:			
No. Sightings No. Birds Birds	s/Sighting Bi	rds/Mile	
79	医野 8.27	12.32	
II. Abundance of the Shearwater-Pe	etrel-Albatross G	roup:	
	Birds/Sighting	Birds/Mile	
U/_	T WT P B	T WT P B	
43 0 2 251 248 0 2 5.1	13 5.77 000 1.00	4.74 4.68	
III. Abundance of Tropicbirds:			
No. Sightings No. Birds H	Birds/Sighting	Birds/Mile	
	RT WT	T RT WT	
10110110	0 0.00 1.00	02 0 .02	
IV. Abundance of Terns:		,	
No. Sightings No. Birds H	Birds/Sighting	Birds/Mile	
30 361	12.0	6.81	e de la companya de l
V. Abundance of Shorebirds:			
No. Sightings No. Birds E	Birds/Sighting	Birds/Mile	
0 0	0.0	0.0	
VI. Abundance of Boobys:			
	Birds/Sighting	Birds/Mile	
T BF RF B T BF RF B T	- abov day the large state	T BF RF B	
14 0 13 1 36 0 35 1 2	0.01 2.69 1.00	0 .5 .02	
	57		
VII. Abundance of Frigatebirds:	57		
		Birds/Mile	
		Birds/Mile	
No. Sightings No. Birds E	Sirds/Sighting		
No. Sightings No. Birds B	No. Feeding	.08	Feeding

DATE: 2 Suy	nt 64 To	tal Minutes:	Total	Miles 94
1. Total Abun	ndance of birds:			
No. Sightings	No. Birds	Birds/Sighting	Birds/Mile	
45	5 7	Xina.	.61	
II. Abundance	of the Shearwa	ter-Petrel-Albatro	ss Group:	
No. Sightings T WT P B		Birds/Sightin	g Birds/Mile B T WT P	В
39 15 16 3	49 21 20 3	1.26 1.40 1.25	1.00 .52 .22 .2	
III. Abundance	of Tropicbirds	6. 6		
No. Sightings T RT WT 2 1 0	No. Birds T RT WT	Birds/Sighting T RT WT 1.00 3.00 1.00	T RT WI	
IV. Abundance	of Terns:			
No. Sightings	No. Birds	Birds/Sighting	g Birds/Mile	
2	2	1.00	. 02	
V. Abundance	of Shorebirds:			
No. Sightings	No. Birds	Birds/Sighting	g Birds/Mile	
0	0	0.00	0.00	
VI. Abundance	of Boobys:			
No. Sightings T BF RF B	No. Birds T BF RF	Birds/Sighting B T BF RF	Birds/Mile B T BF RF	B
00000	0000	0000	0000	0
VII. Abundance	e of Frigatebiro	ds:		
No. Sightings	No. Birds	Birds/Sighting	g Birds/Mile	
		1.00	.01	
	otal No. Total irds F/Mi.	No. No. Feeding	No. Feeding Birds	No. Feeding F/MI.
	\mathcal{C}			0

DATE: 3 5	int	64	Total	l Min	utes:	721	2	T	otal	Miles	95
1. Total A	bundance	e of bir	ds:								
No. Sightin	gs No	. Birds	· B:	irds/S	Sighti	.ng	Bird	ls/Mile			
封 13	·	50		3.	85 58		C	.53			
II. Abunda	nce of t	the Shea	rwater	r-Peti	rel-Al	.batros	s Gro	oup:			
No. Sightin				Bir	cds/Si	ghting	I	Birds/M	ile		
T WT P	B. T		В	T	WT	P B		T WT	P	В	
8 0 4	1 12	0 4		1.50	0.00	1.00	.00	.13 0	•04	.01	
III. Abunda	nce of I	ropicbi	rds:								
No. Sighting	gs No.	Birds		Bir	rds/Si	ghting	F	Birds/M	ile		
T RT WT		RT W	Γ	T	RT	WT	Γ		WT		
2 2 0	2	2 0		1.00	1.00	0.00	•(20. 50)	
IV. Abundan	nce of I	derns:									
No. Sighting	gs No.	Birds		Bir	ds/Si	ghting	Е	sirds/M	ile		
4		36			9.0	0		0.3	8		
V. Abundano	ce of Sh	orebirds	5 .			W					
No. Sighting		Birds		Bir	ds/Si	ghting	В	irds/M	ile		
0		0		allest order often	0.0			0.0			
VI. Abundar	ace of B	OODITA N									
					,						
No. Sighting T BF RF	gs No. B T	Birds BF RE	ъ В	Bir T	ds/Si	ghting RF E		irds/M: BF	ile RF	B	
000	00	0 0	0			0.00 0.			0	0	
VII. Abunda	ance of	Fri catel	าำหลือง								
			LIUS.		,			,			
No. Sighting	gs No.	Birds				ghting	В	irds/Mi	lle		
0		0			0.00)		0.0	O		
VIII. Abund											
Total No. Flocks	Total N Birds	,	tal No		No. Fe	eding	No. Bir	Feedi ds	ng	No. I	Feeding •
BB B H	THE W	EU HI	.04		1		*	2 15			1,02

DAT	E:	45	egi	+	64		T	otal	Minu	ites:		73	4	To	tal :	Miles	118	16
1.	Tot	tal A	Abun	danc	e of	d bi	irds	•										
No.	Sig	ghti	ngs	No	. Bi	rds	5	Bi	rds/S	Sight:	ing	Bi	irds/l	Mile				
	当	多十二	2		57				#	平	1.36		0.4	8				
II.	At	ounda	ance	of	the	She	earw	ater	-Petr	cel-Al	lbatr	oss (Group	•				
No.		ghtir		No					Bir	ds/S	ighti							
T			B.	T	WT		В		T . 1/	WT 1.20	P	B	T	TW	P	B		
44	10	22	2	51	12	210			1.16	1.20	1.10	1,00	0.75	0.10	122			
III	. At	ounda	ance	of	Trop	pick	oird	s:										
No.	Sig	ghtin	ngs	No	. Bi	rds	5		Bir	rds/S:	ighti	ng	Bir	ds/Mi	le			
T	RT	W		T	RI		WT		T	RT	WT		T	RT	WT			
1	1	0	•	1	1		0		1.00	0.00	0.00	•	.01	.01	0			
IV.	Aì	ounda	ance	of	Terr	ıs:												
No.	Sig	ghti	ngs	No	. Bi	rds	5		Bir	rds/S:	ighti	ng	Bir	ds/Mi	le			
		2			4		•			2.00	0			. 03				
V.	Abı	ındaı	nce	of S	hore		rds:											
		ghti			. Bi				Rin	rds/S:	iøht.i	nø	Bir	ds/Mi	le			
	DIE	1	100	140	1	-1 (1)				1.0								
*************		1												01				
VI.	Aì	ounda	ance	of	Book)ys:												
No.	Sig	ghti	ngs	No	. Bi	rds	5		Bir	cds/S:	ighti	ng	Bir	ds/Mi	le			
T	BF	RI	F B	T	BF	i,	RF	В	T	BF	RF	В	T	BF	RF	В		
0	0	Ć	0 0) C	0)	C	O	0	0	0	0	0	0	0	0		
VII	. <i>I</i>	Abund	danc	e of	Fri	igat	tebi	rds:										
No	Sid	rht.i i	nas	No	R-i	irdo	3		Rin	rds/S:	i ght.i	nø	Bi r	ds/Mi	le			
110.)	1180	110	C				17.1.1	0.		116		0.0				
	T- i-r-	۸.7	7 -		0 777	0.51								0.0				
To	Ť	No.	T	ce o: otal irds	No.			al No		No. I			No. I	Peedi:	ng	No.F/M	Feedir	ıg
	0			0			0	.00		0.	00		0.0	00		(0.00	

DAT	E: 55 apt	6-1	Tot	tal Min	utes:_	739	3		_ To	tal	Miles	126
1.	Total Abu	ndance of	birds:									
No.	Sightings	No. Bi	ds ·	Birds/	Sighti	ng	Biı	rds/N	Mile			
	42	57	2	1	. 24		(D. 시	1			
II.	Abundance	e of the S	Shearwat	ter-Pet:	rel-Al	batros	ss Gr	coup				
No.	Sightings WT P B	No. Bir	rds P B	Bi:	rds/Si WT	ghting	g B	Bird	ls/Mi WT	le P	В	
40						1.21 2						
III	. Abundance	e of Trop	cbirds:									
	Sightings	No. Bir				ghting	g S		ds/Mi			
TO	RT WT	T RT	WI		RT	WT			RT	WT		
IV.	Abundance	of Terns	5 &									
No.	Sightings	No. Bir	ds	Bi	rds/Si	ghting	g	Bird	ls/Mi	le_		
) (00		0	.01			
V.	Abundance	of Shore	oirds:							•		
No.	Sightings	No. Bir	ds	Bi	rds/Si	ghting	g	Bird	ls/Mi	le		
	0	C			\mathcal{E}				0			
VI.	Abundance	of Booby	rs:									
No.	Sightings BF RF H	No. Bir	ds RF	Bi:	rds/Si BF	ghting RF	g B	Bird	ls/Mi BF	le RF	B	
0	000	000		0 0	0	0	0	0	0	0	0	
VII	. Abundanc	ee of Frig	gatebird	ls:								
No.	Sightings	No. Bir	ds	Bij	rds/Si	ghting	<u> </u>	Bird	ls/Mi	le	-	
	0	0			0			()			
	I. Abundan										27	
		otal No.	Total F/Mi.		No. F Flock	eeding s		o. Firds	eedi	ng	No. F/MI	Feeding .
W.	% 0	SEA O	0		a			0			0	

DAT	E:	Sep	4.6			[[otal	Min	utes:	7	40		To	otal	Miles	130
1.	Tot	al Abu		ice	of	birds	5 *									
No.	Sig	ghtings		10.	Bir	ds	Bi	rds/	Sight	ing	Bi	rds/	Mile			
	6	3		3	378			le	.00			2.9	1			
II.	Ab	oundanc	e of	' t]	ne S	hearv	vater	-Pet	rel-Al	lbatr	oss G	roup	:			
No.	Sig	ghtings	s N	0.	Bir	ds		Bi	rds/S	ighti		Bir	ds/Mi	ile		
T	WT	P E	3· I	1 1	VT .	P B		T	WT	P	В	T	TW	P	B	
61	8	34 1	2 15	×	30 -	77 1		2.46	3.75	2.26	2.00	1.15	0.23	0,59	0.07	
III	. Ab	oundanc	e of	Tı	copi	cbird	ls:									
No	Sin	rhtings	1/1		Bir	d c		Ri.	rds/Si	i chti	næ	Rin	ds/Mi	170		
T T	RT	thtings WT	T		RT	WT			RT	WT	11g	T	RT	WT		
1	ф	Q	2		ф	U		1.00			•	et-	.01	-	0	
IV.	ΔΉ	undanc	e of	• Те	erns						*	02				
		htings			Bir			Bi.	rds/Si	i ght.i	nø	Rir	ds/Mi	ile		
110 .	1	1	, 14		***			1)1.			116	1711	0.5/111			
		†		20	20				5!	5.00			1.60	7		
V.		ndance htings						Bi:	rds/Si	ighti	ng	Bir	ds/Mi	lle		
		1			1				1.0				.01			
VI.	Ab	undanc	e of	Вс	oby	S:										
No.	Sig	htings	N	0.	Biro	ds		Bi	rds/Si	ighti	ng	Bir	ds/Mi	le		
T	BF	RF	BI		BF	RF	В	T	BF	RF	В	T	BF	RF	В	
0	0	0	0 0)	0	0	0	0	0	0	0	0	0	0	0	
VII	. A	bundan	ice o	f I	riga	atebi	rds:									
No.	Sie	htings	N	0.	Bir	ds		Bi	rds/Si	ighti	ng	Bir	ds/Mi	le		
•		3			Н				1.3	3		C	0.03			
VII		Abunda	nce	of	Floo	cks:										
Tot	al	No.	Tota. Bird	l N			al N	0.	No. F			No. H	Peedi	ng	No. F/MI	Feeding
	7) >	30	07		C	0.03		1			12	7		0.0]	

DATE	Sept	t.7		_ To	otal	Min	utes:	7	43		T	otal	Miles	130
1.	Total Abur	ndance	e of	birds										
No.	Sightings	No.	. Bir	ds	Bi	rds/	Sight	ing	В	irds/	Mile			
	24		49			2	10·			0.3	8			
II.	Abundance	e of t	the S	hearwa	ater	-Pet	rel-A	lbatr	oss	Group	•			
	Sightings							ighti	.ng	Bir	ds/M:	ile		
T		T						P	В	T	WT	P	В	
12	1 362 0	31	1 1	7 0		1.41	1.00	1.42	0.00	0,24	0.61	0.13	0,00	
III.	Abundance	of I	ropi	cbirds	1 a									
	Sightings		Biro	ds		Bir	rds/S:	ighti	ng	Bir	ds/M	ile		
<u> </u>	RT WT	T	RT	WIT		T	RT	WT	·	T	RT	TW		
)	0 0	0	0	0		0	0	0		0	0	6		
V.	Abundance	of I	lerns:											
0.	Sightings	No.	Bird	ls		Bir	rds/S	ighti	ng	Bir	ds/Mi	le		
	4		17				4.0	15		•	6.1	3		
• .	Abundance	of Sh	orebi	rds:			1							
0.	Sightings	No.	Bird	ls		Bir	ds/Si	igh ti :	ng	Biro	ds/Mi	.le		
	0		0				C				0			
I.	Abundance	of B	oobys) <u>a</u>										
	Sightings		Biro	ls		Bir	ds/Si	ghti	ng	Biro	ls/Mi	le		
-			BF	RF	В	T	BF	RF	В	T	BF	RF	В	
)	0 0 0) 0	0	0	0	0	0	0	0	0	0	0	0	
II.	Abundanc	e of	Friga	tebir	ds:									
0.	Sightings	No.	Bird	s		Bir	ds/Si	ghti	ng	Bird	ls/Mi	le		
	1		1				1.	00		(0.0	1		
VIII	I. Abundano	ee of	Floc	ks:										
	al No. To	otal I		Total					_			ng		
2	Abundance of the Shearwater-Petrel-Albatross Group: Sightings No. Birds Birds/Sighting Birds/Mile MT P B T WT P B T WT P B T WT P B 1 22 0 31 1 17 0 141 1.00 142 0.00 0.24 0.01 0.13 0.00 Abundance of Tropicbirds: Sightings No. Birds Birds/Sighting Birds/Mile RT WT T RT WT T RT WT T RT WT O O O O O O O O O O Abundance of Terns: Sightings No. Birds Birds/Sighting Birds/Mile H 17 4.25 0.13 Abundance of Shorebirds: Sightings No. Birds Birds/Sighting Birds/Mile O O O O O O O O O O O O O O O O O O O													

DAT	E:_	\$	ept.	8		_ I	otal	Min	utes		745		T	otal	Miles	122
1.	To	tal	Abund	lance	of	birds	6- 6-									
No.	Sig	ghti	ngs	No.	Bir	ds	Bi	rds/	Sight	ting	I	Birds	/Mile			
	1.	5			68			4	.53			0.5	6			
II.	Αì	ound	ance	of t	he S	hearw	ater	-Pet	rel-A	Albat	ross	Group):			
No .	Sig	ghti	ngs	No.	Bir	ds		Bi	rds/S	Sight	ing	Bir	ds/M	ile		
T	WT	P	B.	T	WT :	P B		T	TW	P	В	T	WT	P	В	
12	1	5	0	43	1 1	20	:	3.58	1.00	2.40	0,00	0.35	0.01	0.10	0.00	
III	. At	ound	ance	of T	ropi	cbird	S:									
No.	Sig	ghti:	ngs	No.	Bir	ls		Bi	rds/S	Sight:	ing	Bir	ds/M	ile		
T	RT	W		T	RT	WT		T	RT	WT		T	RT	WT		
3	0	3	5	3	0	3		1.06	0.00	1,0	0	0.02	0.00	0.0	12	
IV.	At	ound	ance	of T	erns											
No.	Sie	ghti	ngs	No.	Bird	ls		Bi	rds/S	Sight:	ing	Bir	ds/M	ile		
		1			20				20.0	56			6	6		
V.	Abu	ında	nce o	f Sh	orebi	irds:										
No.	Sig	ghti	ngs	No.	Bird	ls		Bi	rds/S	Sight	ing	Bir	ds/M	ile		
	()			0					0			0			
VI.	Ab	unda	ance	of B	oobys	5 .										
No.	Sig	ghti	ngs	No.	Bird	ls		Bi	rds/S	sight:	ing	Bir	ds/M:	ile		
T	BF	RI		T	BF	RF	В	T	BF	RF	В	T	BF	RF	В	
0	0	C) 0	0	0	0	0	0	0	0	0	0	0	0	0	
VII	. A	bund	dance	of I	Friga	atebi	rds:									
No.	Sig	hti	ngs	No.	Bird	ls		Bi:	rds/S	ighti	ing	Bir	ds/Mi	ile_		
		1			1				1.0	00			0.01			
VII	I.	Abur	ndance	e of	Floc	ks:								****		
	al.	No.		tal M		Tota F/Mi		٠	No. I		ng	No. Birds		ng	No. F/M	Feeding
	1		5	54		().(01			1		5	4			0.01

ATE	95 mg / 6	4/	Total 1	Minutes:	7 41	/ /	Total	Miles	117
, F	Total Abund	dance of bir	ds:						
0. 8	Sightings	No. Birds	Bir	ds/Sight:	ing	Birds/Mil	<u>.e</u>		
	11	414		4, 31		. +/ /			
Ι.	Abundance	of the Shear	rwater-	Petrel-A	lbatross	Group:			
	Sightings	No. Birds	D	Birds/S	ighting P B	Birds/		В	
	VT P B	T WT P				. 41.0 , O		-	
II.	Abundance	of Tropicbi	rds:						
	Sightings RT WT	No. Birds T RT W	Γ	Birds/S	ighting WT	Birds/ T RT			
-								-	
7.	Abundance	of Terns:							
D . S	Sightings	No. Birds		Birds/S	ighting	Birds/	Mile		
. 1	Abundance o	of Shorebird	s:						
D . S	Sightings	No. Birds		Birds/S	ighting	Birds/	Mile		
Ι.	Abundance	of Boobys:			· · · · · · · · · · · · · · · · · · ·				
	Sightings BF RF B	No. Birds T BF R	F B	Birds/S:	ighting RF E	Birds/		B	
II.	Abundance	e of Friga te	birds:						
o. S	Sightings	No. Birds		Birds/S	ighting	Birds/	Mile		
	1)		1.00		. 3 1			
Tota	al No. To		otal No	. No. Flock	reeding	No. Fee Birds	ding	No.	Feeding
2	?	26	2.2	1		12		-01	

DAT	E: Sept.	. 10		Tot	tal 1	Minu	ites:_		740		To	tal	Miles	135
1.	Total Abu	ndance	of b	oirds:										
No.	Sightings	No.	Bird	ls ·	Bir	ds/S	Sighti	.ng	B	irds/	Mile			
	11		14			1.2	7			0.10)			
II.	Abundance	e of t	he Sh	earwat	ter-	Petr	el-Al	.batr	oss (Group	•			
No.	Sightings	No.	Bird	.S		Bir	ds/Si	ghti.	.ng	Bir	ds/Mi	le		
T	WT P B	T	WT F	B		T	WT	P	В	T	WT	P	В	
11	2 7 0	14	3 8	O		1.27	1.50	1.14	0.00	0.10	0.62	0.06	0.00	
III	. Abundance	e of T	ropic	birds:			,						,	
	Sightings		Bird				ds/Si		ng		ds/Mi			
T	RT WT	T	RT	WT		T	RT	WT		T	RT	WT		
0	0 0	0	0	0		0	0	0		0	0	0		
IV.	Abundance	e of T	erns:											
No.	Sightings	No.	Bird	.S		Bir	ds/Si	ghti	ng	Bir	ds/Mi	le		
	0		0				0				0			
V.	Abundance	of Sh	orebi	rds:										
No.	Sightings	No.	Bird	S		Bir	ds/Si	ghti	ng	Bir	ds/Mi	.le		
	0		0				0				0			
VI.	Abundance	e of B	oobys	6 0					•					
No .	Sightings		Bird	S		Bir	ds/Si	ghti	ng	Bir	ds/Mi	le		
T	BF RF I	3 T	BF	RF	В	T	BF	RF	В	T	BF	RF	B	
	0		0				Ĉ)			0			
VII	. Abundan	ce of	Friga	tebird	ls:									
No.	Sightings	No.	Bird	S		Bir	ds/Si	ghti	ng	Bir	ds/Mi	le		
	0	(0			·	C				0			
VI	II. Abundan	ce of	Floc	KS:	. 175									
		otal I	No.	Total F/Mi.			No. Fe			No. H Birds		ng	No. F/MI	Feeding
	\wedge	0)			

DAT	E:	To	otal Minutes: 738	Total	Miles 124
1.	Total Abun	dance of birds:	•		
No.	Sightings	No. Birds	Birds/Sighting	Birds/Mile	
	2 4		12/16	1,9	
II.	Abundance	of the Shearwa	ater-Petrel-Albatross	Group:	
No .	Sightings	No. Birds	Birds/Sighting	Birds/Mile	
T	WT P B	T WT P B	T WT P B	T WT P	В
	3 // 5	1201 27 163 6	213 To MUS 5	16.5 . 2	0
III	. Abundance	of Tropicbirds	5:		
No.	Sightings RT WT	No. Birds T RT WT	Birds/Sighting T RT WT	Birds/Mile T RT WT	
-	TIT WIT	T IIT WT	T T/T MT	T RT WT	
IV.	Abundance	of Terns:			
No.	Sightings	No. Birds	Birds/Sighting	Birds/Mile	
	1/	16	28.35	183	
V.	Abundance	of Shorebirds:			
No.	Sightings	No. Birds	Birds/Sighting	Birds/Mile	••••••••••••••••••••••••••••••••••••••
VI.	Abundance	of Boobys:			
No.	Sightings	No. Birds	Birds/Sighting	Birds/Mile	
T	BF RF B	T BF RF	B T BF RF B	T BF RF	<u>B</u>
VII	Ahundance	e of Frigatebir	·Ac ·		
No.	Sightings	No. Birds	Birds/Sighting	Birds/Mile	
	/	2	2160	, 12	
		e of Flocks:			
		rds F/Mi	l No. No. Feeding Flocks	No. Feeding Birds	No. Feeding F/MI.
3		221 , 6%	2 3	2-21	- 0 Z

DAT	E:12	5 ep	f, 6	4		_ 1	otal	Minu	ites:_		729	3	To	otal	Miles	124	125
1.	Tot	cal A	Abund	lanc	e of	birds											
No.	Sig	ghtir	ngs	No	. Bir	ds	Bi	rds/S	Sighti	ng	B	irds/	Mile				
	11	16			626	·		5.	40			S	55,	13			
II.	At	ounda	ance	of ·	the S	hearw	ater-	-Peti	rel-Al	batr	oss (Group	:				
No .	Sig	ghtir	ngs	No	. Bir	ds		Bir	rds/Si	ghti	ng	Bir	ds/M	ile			
T	WT	Р	B.	T	WT	P B		T	WT	P	В	T	WT	P	В		
46	12	133	0	498	34 4	63 0		3.41	2.83	3.47	0.00	4002	,2	3.8	0.00		
III	. At	ounda	ance	of '	Tropi	cbird	.s :					•					
T/T_	Qi c	ghtir	n cr cr	No	. Bir	d a		Βin	rds/Si	ahti	na	Rin	ds/M	ile			
T T	RT	W		T	RT	WT		T	RT	WT	118	T	RT	WT			
				0	0	0		0	0	0		O	0	0			
IV.	At	ounda	ance	of	Terns	e. 6											
No.	Sig	ghtir	ngs	No	. Bir	ds		Bir	rds/Si	ghti	ng	Bir	ds/M	ile			
	12			1	25				10.7	42			1,01	1,0	72		
V.	Abu	ındar	nce c	of Si	horeb	irds:											
No.	Sig	ghtir	ngs	No	. Bir	ds		Bir	ds/Si	ghti	ng	Bir	ds/M	ile			
		1			١				1,00				0.01				
VI.	At	ounda	ance	of :	Booby	S:											
No.	Sig	ghtir	าฮร	No	. Bir	đs		Bir	ds/Si	ghti	ng	Bir	ds/M	ile			
T	BF	RI		T	BF	RF	В	T	BF	RF	В	T	BF	RF	В		
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
VII	. <i>F</i>	Abund	dance	e of	Frig	atebi	rds:										
No.	Sig	ghtir	ngs	No	. Bir	ds		Bir	ds/Si	ghti	ng	Bir	ds/M	ile			
		0			0			·	C				0				
	·				Flo		_ 7 7 7		NT -	7 •		M-		M C	Mo	Pooding	~
	tal. ocks	No.		tal rds	No.	Tot F/M	al No		No. For Flock			No. Birds		.ng	F/M	Feeding	5
1	5		1	151		160		-14	3			15	7			0.02	

PAT	E: Sept.	13	_ Tota	al Min	utes:	7	3 3		T	otal	Miles	119
1.	Total Abur	dance of	birds:									
No.	Sightings	No. Bir	ds I	Birds/S	Sight	ing	В:	irds/	Mile			
	43	47		1.0	PC			0.3°	1			
II.	Abundance	of the S	hearwate	er-Petr	rel-Al	lbatr	oss (Group	:			
_	Sightings	No. Bird			rds/S			Bir	ds/Mi	ile		
T	WT P B		Р В	T	WT	P	В	T	TW	P	В	
12	9 25 0	45 10 5	26 0	1.07	1.//	1.04	6.00	0.38	0.08	0.22	0.00	
III	. Abundance	of Tropic	cbirds:									
No.	Sightings	No. Bird	ds	Bir	ds/S	ighti	ng	Bir	ds/Mi	ile		
r	RT WT	T RT	WT	T	RT	WI		T	RT	TW		
0	0 0	0 0	0	0	0	0		\bigcirc	0	0		
[V。	Abundance	of Terns:										
To .	Sightings	No. Bird	ls	Bir	ds/Si	ghti	ng	Bird	ls/Mi	.le		
	1	2			2.	00		(5.02			
7.	Abundance	of Shorebi	rds:									
0.	Sightings	No. Bird	ls	Bir	ds/Si	ghti	ng	Bird	ls/Mi	le_		
	0	0			0			(೦			
T.	Abundance	of Boobys	, 6. 6.									
0.	Sightings	No. Bird	ls	Bir	ds/Si	ghtin	ng	Bird	ls/Mi	le		
1	BF RF B	T BF	RF B		BF	RF	В	T	BF	RF	В	
0	0 0 0	0 0	0 0	0	0	0	0	0	6.	0	0	
II	. Abundance	e of Friga	tebirds	6								
0.	Sightings	No. Bird	.S	Bir	ds/Si	ghtir	ng	Bird	s/Mi	le		
	O	0		-	0				0			
VII	I. Abundano	e of Floc	ks:									
Tot	cal No. To	tal No.	Total N F/Mi.		No. For			No. F Birds		ng	No. F/MI	Feeding
	0	0	2		0			C			C	

DAT	E: 14 Sen	+ 64	\mathbf{T}	otal M	linu	tes:_	7	35		_ To	otal	Miles	172
1.	- 21	ndance of b	irds:										
No.	Sightings	No. Bird	ls ·	Bird	ls/S:	ighti	ng	B	Birds/1	Mile			
	63	265			4.2				2.1				
II.	Abundance	e of the Sh	nearwa	ater-F	etr	el-Al	batro	oss	Group	•			
No .	Sightings	No. Bird	ls		Bir	ds/Si	ghti	ng	Bir	ds/Mi	le		
T	WT P B	T WT E	B		T	WT	P	В	T	WT	P	B	
71	5 47 0	196 18 11	3 0		2.76	3.60	240	0.00	1.61	0.15	0.93	0.00	>
III	. Abundance	e of Tropic	birds										
	Sightings					ds/Si		ng		ds/Mi			
T	RT WT	T RT	WT		T	RT	WT		T	RT	WT		
2	l l	3 2	1	١.	.50	2.00	1.00		0.02	0.01	0.0	1	
IV.	Abundance	e of Terns:											
No.	Sightings	No. Bird	ls		Bir	ds/Si	ghti	ng	Bir	ds/Mi	le		
	4	66				16.50	>			0.5	+		
V.	Abundance	of Shorebi	.rds:										
No.	Sightings	No. Bird	ls		Bir	ds/Si	ghti	ng	Bir	ds/Mi	le		
	0	0				(0			0			
VI.	Abundance	e of Boobys) 6										
No.	Sightings	No. Bird	ls		Biro	ds/Si	ghtin	ng	Bir	ds/Mi	le		
T	BF RF		RF	В	T	BF	RF	В	T	BF	RF	В	
0	0 0	0 0 0	O	0	0	0	0	0	0	0	0	0	
VII	. Abundan	ce of Friga	tebir	ds:									
No.	Sightings	No. Bird	ls		Bir	ds/Si	ghti	ng	Bir	ds/Mi	le_		
	0	O			·	0			(\supset			
VII	II. Abundar	nce of Floc	ks:										
		Total No. Birds	Tota F/Mi	l No.		No. Fe		ng	No. H Birds		ng	No. F/M	Feeding I.
	7	202	0.0	210		4			(%()				7.03

DAT	下:	15,	Sex	x. 1	496		Tot	al	Minu	ites:		771		To	otal	Miles	115
1.	Tot	al A	bund	lanc	e of	bir	ds:										
No.	Sig	htin	gs	No	. Bi	rds		Bir	·ds/S	Sight	ing	F	Birds/	Mile			
	5	56			72				ι.	29			0.6	3			
II.	Ab	unda	nce	of	the S	Shea	rwat	er-	Petr	rel-A	lbatr	oss	Group);			
No.	Sig	htin	gs	No	. Bij	rds			Bir	ds/S	ighti	.ng	Bir	ds/Mi	ile		
T	TW	P	B.	T	WT	P :	В		T	WT	Р	В	T	WT	P	В	
53	6	26	0	62	8 3	32 (ა 		1.17	1.33	1,23		0.54	0.07	0.28	0.00	
III	. Ab	unda	nce	of!	Tropi	icbi	rds:										
		htin	~		. Biı	rds_			Bir	ds/S	ighti	.ng	Bir	ds/Mi	ile		
T	RT	TW		T	RT	W.	Γ		T	RT	WT		T	RT	WT		
6	6	0		7	7	0			1.17	1.17	0.0	0	0.06	0.06	0.00	D	
IV.	Ab	unda	nce	of!	Terns												
No.	Sig	htin	gs	No	. Bir	ds			Bir	ds/S	ighti	ng	Bir	ds/Mi	le		
					3					3	.06			0.03	5		
V.	Abu	ndan	ce o	f Sl	nored	irds	5 :										
No.	Sig	htin	gs	No	. Bir	ds			Bir	ds/Si	ghti	ng	Bir	ds/Mi	le_		
		2			9						0			0			
VI.	Ab	unda	nce	of I	Booby	7S:											
No 。	Sig	htin	gs	No.	. Bir	'ds			Bir	ds/Si	ghti	ng	Bir	ds/Mi	le		
T	BF	RF	В	T	BF	RI	r I	В	T	BF	RF	В	T	BF	RF	В	
٥	0	0	0	0	0	0	C	>	0	0	0	O	0	0	0	0	
VII	。 A	bunda	ance	of	Frie	gatel	oirds	5:									
No.	Sig	htin	gs	No.	Bir	ds			Bir	ds/Si	ghti:	ng	Bir	ds/Mi	le		
		5			0)			0			
VII	I. A	Abund	lance	e of	Flo	cks:											
	al I	No.		tal rds		,	tal Mi.			No. F		ng	No. I	Feedi:	ng	No. F/MI	Feeding
				7			0.01			1			7			0.	01

DAT	E: 16 5,	† 64) To	otal Minutes: 730	Total :	Miles
1.	Total Abun	dance of birds	•		
No.	Sightings	No. Birds	Birds/Sighting	Birds/Mile	
	73	9 5	1.30	.77.7	
II.	Abundance	of the Shearwa	ater-Petrel-Albatross	Group:	
No.	Sightings	No. Birds	Birds/Sighting	Birds/Mile	
T	WT P B	T WT P B	T WT P B	T WT P	В
72	6 14 0	87 6 22 4	1.21 1.00 1.16 0	-72 .05 .11	0
III	. Abundance	of Tropicbirds	5:		
	Sightings	No. Birds	Birds/Sighting		
T	RT WT	T RT WT	T RT WT	T RT WT	
3	3 0	3 3 0	1,60 1,54 1-98	,67 102 6	
IV.	Abundance	of Terns:			
No.	Sightings	No. Birds	Birds/Sighting	Birds/Mile	
	1	4/	4,53	. 5 3	
V.	Abundance o	of Shorebirds:			
No.	Sightings	No. Birds	Birds/Sighting	Birds/Mile	
	/	1	1,60	(a 1	
VI.	Abundance	of Boobys:			
No.	Sightings	No. Birds	Birds/Sighting	Birds/Mile	
T	BF RF B	T BF RF	B T BF RF B	T BF RF	B
VII	. Abundance	e of Frigatebir	ds:		
No.	Sightings	No. Birds	Birds/Sighting	Birds/Mile	
7777	T 07	o of ml1			
Tot	al No. To	e of Flocks: tal No. Total rds F/Mi	l No. No. Feeding Flocks	No. Feeding Birds	No. Feeding F/MI.
)	12 .31	1	12	. 201

DAT	E: 17 5	1 61 To	tal Minutes: 740	Total 1	Miles
1.	Total Abund	dance of birds:			
No.	Sightings	No. Birds	Birds/Sighting	Birds/Mile	
	2.5	7 9	1, 76	. 21	
II.	Abundance	of the Shearwa	ter-Petrel-Albatross	Group:	
No .	Sightings	No. Birds	Birds/Sighting	Birds/Mile	
T	WT P B		T WT P B		В
21	o 4 0	23 8 4 6	1.10 C 100 C	.17 0 .83 8	
III.	. Abundance	of Tropicbirds	•		
No.	Sightings	No. Birds	Birds/Sighting	Birds/Mile	
T	RT WT	T RT WT	T RT WT	T RT WT	
3	1 2	5 7 3	1.61 2.66 1133	. 19 .01 .52	
IV.	Abundance	of Terns:			
No.	Sightings	No. Birds	Birds/Sighting	Birds/Mile	
-					
V.	Abundance of	of Shorebirds:			
No.	Sightings	No. Birds	Birds/Sighting	Birds/Mile	
))	116		
VI.	Abundance	of Boobys:			
No .	Sightings	No. Birds	Birds/Sighting	Birds/Mile	
T	BF RF B	T BF RF	B T BF RF B	T BF RF	В
VII	Abundance	e of Frigatebir	ds:		
No.	Sightings	No. Birds	Birds/Sighting	Birds/Mile	
VII	I. Abundano	ee of Flocks:			
		rds F/Mi	No. No. Feeding Flocks	No. Feeding Birds	No. Feeding F/MI.

DAT	正:	18	Ses	179	64	, 	To	tal	Minu	ites:		7-1		T	otal	Miles	144	
1.	To	tal	Abur	ndan	ce	of b	irds:											
No.	Si	ghti	ings	No	Э.	Bird	S	Bi	rds/S	Sighti	ing	В	irds/	Mile				
		37	1	<u> </u>		42			1.1	3			0.20	1			٠	
II.	Αì	bunc	lance	e of	th	e Sh	earwa	ter	-Petr	el-Al	Lbatr	oss	Group	:				
No .	Si	ghti	ngs	No	Э.	Bird	S		Bir	·ds/Si	ghti	ng	Bir	ds/M	ile			
T	WT		B.	T	W	T P	В		T	WT	P	В	T	WT	P	В		
33	2	5	0	38	3 =	2 5	0		1.15	1.00	1.00	0.60	8.26	0.01	0.03	0:00		
III	. A1	ound	lance	e of	Tr	opic	birds	:										
No.	Si	ghti	ngs	No	ο.	Bird	S		Bir	ds/Si	ighti	ng	Bir	ds/M	ile			
T	RT	N	/T	T		RT	WT		T	RT	WT		T	RT	WT			
2	2	(0	6		2	0		1.00	1.00	0.0	0	0.01	0.01	0.00	0		
IV.	Aì	ound	lance	e of	Te	rns:												
No.	Sig	ghti	ngs	No	0.	Bird	S		Bir	ds/Si	ghti	ng	Bir	ds/M	ile			
	(0			()				, (0			0				
V.	Abı	ında	nce	of S	Sho	rebi:	rds:											
No.	Sig	ghti	ngs	No) .	Bird	S		Bir	ds/Si	ghti	.ng	Bir	ds/M	ile			
		0				0					0			C)			
VI.	At	ound	lance	e of	Во	obys	0- 0-											
No .			ngs			Bird			Bir	ds/Si	ghti	ng		ds/Mi				
T	BF	R	KF E			BF	RF	В	T	BF	RF	В	T	BF	RF	B		
0	0	0) (5 0) 	0	0	0	0	0	0	0	0	0	0	0		
VII	. <i>F</i>	Abun	danc	e of	F	riga	tebir	ds:										
No.	Sig	ghti	ngs	No) .	Birds	5		Bir	ds/Si	ghti	ng	Bir	ds/Mi	ile			
		2			_	2			٠	1.00)			0.01				
VI	II.	Abu	ndan	.ce c	of]	Flock	S:											
	al cks	No.		otal irds			Tota F/Mi			No. F Flock		ng	No. I Birds		ng	No. F/MI	Feeding	
	D			0			0			0			(0		0		

DAT	E: 19,	Sep	+, 10	764		To	tal	Minu	tes:		72	9	I	btal	Mile	s <u>70</u>
1.	Total A	Abund	lanc	e of	bi	rds:										
No.	Sightir	ngs	No	. Bi	rds	n-1-1-1-1-1	Bi	rds/S	Sight	ing]	Birds	/Mile			
	72			93				1.	29			40	5,7	2		
II.	Abunda	ance	of ·	the S	She	arwa	ter-	-Petr	el-Al	Lbatr	oss	Grou	p:			
No .	Sightin	ngs	No	. Bi:	rds			Bir	ds/Si	ighti	ng	Bi	rds/M	ile		
T	WT P	B.	T	WT	P	В		T	WT	P	В	T	WT	P	В	
67	14 11	1	81	22	14	١		1.21	1.57	1.27	1.00	0.90	6.24	0.45	0.01	
III	. Abunda	ance	of!	Prop	Lcb:	irds	6.							.11		
No.	Sightin	าตร	No	. Bir	•ds			Rin	ds/Si	iøht.i	nσ	Ri	rds/M	ile		
T	RT WI		T	RT		WT		T	RT	WT		T	RT	TW		
1	1 0		3	3		0		3.00	3.00	0.0	0	0.65	0:05	0.0	,0	
IV.	Abunda	ince	of!	Terns	5 2											
No.	Sightin	ıgs	No	. Bir	ds			Bir	ds/Si	ghti	ng	Bi	rds/M	ile		
	2			4					2.00	>			G 0	-10	3	
V.	Abundan	nce o	f Sl	norek	ir	ds:										
Vo.	Sightin	ngs	No	Bir	·ds			Bir	ds/Si	ghti	ng	Bir	rds/M	ile		
	O			0					C	S			0			
VI.	Abunda	ince	of I	Booby	S:											
Vo -	Sightin	ıøs	No.	Bir	ะกร			Rir	ds/Si	ght:	no	Rin	ds/M	ile		
	BF RF		T	BF		RF	В	T	BF	RF	В	T	BF	RF	В	
0	0 0	0	O	0	C		0	٥	0	0	0	0	0	0	0	
VII	. Abund	ance	of	Frie	ate	ebir	ds:									
No.	Sightin	ıgs	No a	Bir	ds			Bir	ds/Si	ghti:	ng	Bir	ds/M	ile		
	1			1					1.00	>			0.01			
	I. Abund									***************************************						
	cks No.		tal rds			ota] '/Mi			No. F		ng	No. Bird	Feedi s	ng	No. F/M	Feeding I.
	1		9			0.0	. 1						0			0

DAT	E: 20 5.	p + 6	4	Ic	tal	Min	utes:		3 2	5	T	otal	Miles	65
1.	Total Abu	ndance	e of b	irds:										
No.	Sightings	No.	Bird	s ·	Bi	rds/	Sight	ing		Birds/	Mile			
	165	1	154			7	00			17,7-	7-17.	75		
II.	Abundanc	e of t	he Sh	earwa	ter	-Pet:	rel-A	lbatr	oss	Group	:			
No.	Sightings		Bird				rds/S:				ds/M	ile		
T		T	WT P	В		T	WT	P	В	T	WT	P	В	
J	31 71	792 9				8,51		1.63		15,2 5				
III	. Abundanc	e of I	ropic	birds										
	Sightings		Birds			Bij	rds/S	ighti	ng	Bir	ds/M:	ile		
T	RT WT	T	RT	WI		T	RT	WT		T	RT	WT		
)	0 1	1	C	1		1,	(5)	1000		102	8	r 0 2		
IV.	Abundance	e of T	erns:											
No.	Sightings	No.	Birds	3		Bir	ds/Si	ghti	ng	Bir	ds/M	ile		
	1/5		115				and the same of	219	5		1. 1 7			
V.	Abundance	of Sh	orebin	ds:										
No.	Sightings	No.	Birds	5		Bir	·ds/Si	ghti	ng	Bir	ds/Mi	lle		
VI.	Abundance	e of B	oobys:											
No.	Sightings	No.	Birds	S		Bir	·ds/Si	ghti	ng	Biro	ds/Mi	le		
T	BF RF I	3 T	BF	RF	В	T	BF	RF	В	T	BF	RF	В	
		11,,	Ú	3 3	7	1,48	0	1,50	1, ~	: ./1	Yv	,51	, 11	
VII.	Abundand	ee of 1	Frigat	ebir	ds:	•								
No.	Sightings	No.	Birds	3		Bir	ds/Si	ghti	ng	Bird	ds/Mi	le		
	2		2				No.	ē			, 2	3		
	I. Abundan													
		otal N irds		Total F/Mi.			No. For		ng	No. F Birds		ng	No. F	reeding
7	9	11		.11			1			10			a 2 2	

SMITHSONIAN INSTITUTION DIVISION OF BIRDS AT SEA SURVEY CHART C

F7:77 3 4772	ı vu	LONG	PRES WEA	VIS	SLP	DV D	יישית דיים או	בוד וואו סל	MT CIZV	ODA CIZV	MATEC			TITATE TO	
TIME	FAT	LONG	FILES WEA	ATD	DTIL	DIT D	DEW PT	HUM %	TL SKY	OPA SKY	WAVED	SEA TEMP	MIND 2	MTIND D	SHIP COURSE/SPD.
0100	19 59	157 00													
0200	19 48	157 00													
0300	119 37	157 00													
00	19 25	157 02													
0-00	19 15	157 61													
0.00	19 05	157 00													
0700	19 03	156 57													
0800	19 -2	156 57	03	10	10150	243	21		15		90-5-8	261	17	100	5-12
0900	18.56	156 57													
1000	18 45	156 57													
1100	18 35	1 6													
1200	2 2 5	136 59			h										
1300	15 60	157 00	^ /			~ ~ 6									
1400	1802	157 01	01	10	1014,4	259	21		12		90-5-4	259	24	80	5-12
1500	1 2/1														
1700	1 C 23 1	157 01													
1800	1736	157 01													
1900	17 78	15701													
2000	17 18	15700	0.2	10	16111 %	211	0.1				20. 8 /	911	~	20	
2100	17 12	157 00	0 4	10	101413	261	21	- 1 to	4 193 - 1 135		90-5-5	26.4	24	70	5-12
2200	17 00	157 60													
2300	16 418	159 00													
2400	16 37	157 00													
	REMARKS:			(

REMARKS:

ALL TIMES LOCAL (WHISKEY); WIND DIR. IN WHOLE DEGREES; WIND SPEED IN KNOTS; TEMPERATURES IN FAHRENHEIT; VISIBILITY IN NAUTICAL MALES; WAVES IN WHOLE DEGREES; WAVE PERIOD IN SECONDS; WAVE HEIGHT IN WHOLE FEET; SEA LEVEL PRESSURE IN MILLIBARS

SI-MNH-955c 3-4-64 DATE 3 5-7 1 64

TIME	F.AT	LONG	PRES WEA	VIS	SLP	DRY B	DEW PT	HUM %	TL SKY	OPA SKY	WAVES	SEA TEMP	WIND S	WIND D	SHIP COURSE/SPD.
0100	116 27	157 01													
,0200	16 16	157 01	02	10	1014,3	262	22	1	1		40-5-4	265	26	60	5-12
0300	16 67	157 01													
00	16 02	157 01													
C-00	16 02	157 01													
0500	15 50	151 01													
0700	15 39	157 01													
0800	15 28	157 01	16	5	1014,0	251	22		9		80-6-6	267	25	70	5-12
0900	15 16	157 00													
1000	15 04	156 59													
1100	14 52	156 59										- Control of the Cont			
	14 40	156 59													
1300	14 30	157 11													
	14 30	157 01	50	2	1012.2	262	24		9		90-6-6	767	16	140	5-12
-	14 30	157 01													
1500	14 30	15701	<u> </u>												
1700	1430	15701													
1000		15701													
TA00	14 04	15700													
2000	1357	15700	02	5	1011.9	370	24	· ·	9		90-5-5	767	12	190	5-12
2100	13 40	15700													
2200		157 01													
2300	13 29	137 07			V-54.					-					
2400	REMARKS.	13/03													

REMARKS:

ALL TIMES LOCAL (WHISKEY); WIND DIR. IN WHOLE DEGREES; WIND SPEED IN KNOTS; TEMPERATURES IN FAHRENHEIT; VISIBILITY IN NAUTICAL ME ES; WAVES IN WHOLE DEGREES; WAVE PERIOD IN SECONDS; WAVE HEIGHT IN WHOLE FEET; SEA LEVEL PRESSURE IN MILLIBARS

SI-MNH-955c 3-4-64 DATE 454 64

TIME	FAT	LONG	PRES WEA	VIS	SLP	DRY B	DEW PT	HUM %	TL SKY	OPA SKY	WAVES	SEA TEMP	WIND S	WIND D	SHIP COURSE/SPD.
0100	13 07	157 04													
10200	13 01	15704	01	10	1012.5	266	24	!	0		200-5-5	269	18	200	5-12
0300	13 01	157 04													
	13 01	15704													
0-00	12 55	15704													
0000	1243	15705													
0700	1730	15703													
0800	12.18	15702	0	10	1013.9	264	23		<		50-5.4	268	1/	170	5-12
0900	1306	15701													
1000	1153	15700									*				
1100	11 42	15700					22								
1200	11 30	157 00													
1300	1130	157 00	A 6	1-5		201						202		130	3-12
1400	11 23		03	10	1613,1	278	23		3		50-5-4	273	6	130	3-12
1.500		156 M8													
1700	11 18	156 28													
1800	1109	156 28													
1900	11 64	156 69									-				
2000	16 60	156 07	6.2	15	10 10 4	210	22		3		1. 1 4	275	6	100	5 E-12
2100	10 55	15567	0.6	10	1013.8	269					60-6-4	4/3		- Share and the same of the sa	J E = 1 2
2200	10 50	155 42													
2300	10 44	15531													
2400	10 39	155 20											200		
	DEMADEC.			-	,										

REMARKS:

ALL TIMES LOCAL (WHISKEY); WIND DIR. IN WHOLE DEGREES; WIND SPEED IN KNOTS; TEMPERATURES IN FAHRENHEIT; VISIBILITY IN NAUTICAL MALES; WAVES IN WHOLE DEGREES; WAVE PERIOD IN SECONDS; WAVE HEIGHT IN WHOLE FEET; SEA LEVEL PRESSURE IN MILLIBARS

SI-MNH-955c 3-4-64 DATE 5 Sup A 64

TIME	FAT	LONG	PRES WEA	VIS	SLP	DRY B	DEW PT	HUM %	TL SKY	OPA SKY	WAVES	SEA TEMP	WIND S	WIND D	SHIP COURSE/SPD.
0100	10 33	15509													
-0200	10 28	15458	63	2	1013,8	261	23		9		60-6-3	273	06	70	SE-12
0300	10 22	154 47													
1.00	10 17	154 36													
0-00	10 11	154 25													
0500	16 06	15414													
0700	10 01	15403													
0800	09 59	153.58	02	10	1013.9	259	23		6		49-6-2	271	07	130	E-12
0900	10 06	153 54													
1000	10 18	15358													
1100	10 30	153 38											and the second second second second	CALL DESCRIPTION OF THE PARTY O	
1200	10 42	153 58													
1300	10 55	153 59													
1400	11 08	15359	0.2	25	1012.5	240	23		5		44-6-2	277	13	70	N-12
1500	11 21	134100	and the second												
1,00	1134	13400	\												
1700	1134	15400													
1809_	1138	13400													
1.900	11.50	15400													
/2000	1203	15402	03	10	1013,0	261	23	7	5		49-6-2	275	12	40	N-12
2100	12 11	15404	^ -												
2200	1223	13406		'											
2300	1235	15406											500.5		
2400	DEMARKS.	15408			Ę										

REMARKS:

ALL TIMES LOCAL (WHISKEY); WIND DIR. IN WHOLE DEGREES; WIND SPEED IN KNOTS; TEMPERATURES IN FAHRENHEIT; VISIBILITY IN NAUTICAL ME ES; YWAVES IN WHOLE DEGREES; WAVE PERIOD IN SECONDS; WAVE HEIGHT IN WHOLE FEET; SEA LEVEL PRESSURE IN MILLIBARS

×49 = Confused

SMITHSONIAN INSTITUTION
DIVISION OF BIRDS
AT SEA SURVEY CHART C

DATE 6 Sont 64

											T T A 7 7 7 7 C		I France	T 1 - T T T T	CITTO COLLOCT / CDD
TIME	FAT	LONG	PRES WEA	VIS	SLP	DRY B	DEW PT	HUM %	TL SKY	OPA SKY	WAVES	SEA TEMP	WIND S	MTIND D	SHIP COURSE/SPD.
01.00	13 01	15410													
0200	1302	154 10	0	10	1013,0	263	22		3		50-5-0	271	14	50	N-12
0300	1312	15411													
100	1324	154 13								long to the same of the same o					
C-00	13 36	154 14													
0000	13 48	15415													
0700	1400	154 13												7	1/1/2
-0800	14/2	12409	07	10	1014,0	266	24		4		30-5.4	7.68	18	30	N-12
0900	14 24	15405													
1000	14 30	15404													
1100	1432	15404													
1200	14 44	154 03													
1300	14 56	15402										218	1/	30	N-12
1400	15 6 8	15401	02	10	1012.3	268	22		L/		20-1-3	269	16	3.6	
1500	15 20	13400													
1,00	15 32	131100													
1700	15 7-4	15359													
1800	4 1 /	15358													
1900	16 00	153 59								35.3		212	11	30	N-12
2000	1605	15355	03	10	1014.3	263	23		5		20-5-5	263	The state of the s		
2100	16 10	15358													
2200	1622	15358								-					
2300	1634	15358													
2400	DEMARKS.	15358													

REMARKS:

ALL TIMES LOCAL (WHISKEY); WIND DIR. IN WHOLE DEGREES; WIND SPEED IN KNOTS; TEMPERATURES IN FAHRENHEIT; VISIBILITY IN NAUTICAL MALES; WAVES IN WHOLE DEGREES; WAVE PERIOD IN SECONDS; WAVE HEIGHT IN WHOLE FEET; SEA LEVEL PRESSURE IN MILLIBARS

SMITHSONIAN INSTITUTION
DIVISION OF BIRDS
AT SEA SURVEY CHART C

DATE 7 Sept 64

TIME	FAT	LONG	PRES WEA	VIS	SLP	DRY B	DEW PT	HUM %	TL SKY	OPA SKY	WAVES	SEA TEMP	WIND S	WIND D	SHIP COURSE/SPD.
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1										1					
0100	16 58	15358		1.6	10.111.6						10106	259	19	050	N-12
0200	17 10	153.58	01	10	10121,0	235	22		0		50-6-5	237			1 6
0300	17 22	133 38													
0-00	17 70														
0000	10 4%	153 58													
0.00	11 13														
0800	16 01	153 58	53	10	1013.0	261	2.2		9		40-6-6	261	21	080	N-12
0000	18 06	12756	0 0	7.0	101710										
1000	1828	153 58		-											
1100	15 79	143 38												Consequence .	
1200	18 49	15.3 58													
1300	1900	153 58												Pile	
1400	1901	133 58	6	10	1015,1	260	20		3		60-6-3	236	19	0.70	N-12
1.500	1913	15338													
1500	1925	15359													
1700	1937	13359													
1800		15400													
1900	15.0 00	15400												0/0	h/lo
5000	26 12	15400	02	10	1015,4	258	21		3		30-6-3	256	17	060	N-12
2100	20 18	15400													
2200	20 30	154 00					The second secon								
2300	20 32	15359			AN OPPORT								A Property of the Control of the Con		
2400	120 39	1 1 3 3 9													

REMARKS:

ALL TIMES LOCAL (WHISKEY); WIND DIR. IN WHOLE DEGREES; WIND SPEED IN KNOTS; TEMPERATURES IN FAHRENHEIT; VISIBILITY IN NAUTICAL MR. ES; WAVES IN WHOLE DEGREES; WAVE PERIOD IN SECONDS; WAVE HEIGHT IN WHOLE FEET; SEA LEVEL PRESSURE IN MILLIBARS

SMITHSONIAN INSTITUTION
DIVISION OF BIRDS
AT SEA SURVEY CHART C

DATE 8 Sept 64

Enterior of Alberta	ı vu	TONG	PRES WEA	VIS	SLP	DDV B	DEW PT	THITM of	TL SKY	OPN SKV	WAVES	SEA TEMP	WIND S	TITIM D	SHIP COURSE/SPD.
TIME	FAT	LONG	PRES WEA	ATD	OTIT	DIT! D	DEW T.T	11014 /0	TTI DIZT	OI.A DILI	W11.4 TD	ODIA TERM	MITIND D	MIII D	DILLI COURDE/DID.
01.00	20 32	15 3 58													
0200	2104	15359	02	10	1016.9	259	21		2		66-6-4	254	22	50	N-12
0300	2 16	13359													
00	2129	153 59													
0-00	21 41	15359		, garden											
0000	2153	13359													
0700	122 00	153 58												~ ^	
0800	2205	15 3 57	0 2	16	1017.2	250	21		4		50-6-4	253	13	70	N-12
0900	122 17	153 57													
1000	12729	1153 36													
1100	2241	153 58													
Variable and	22 52	13400													
1300	23 05	15400											1.72	90	N-12
1400	23 17	153 59	0	10	101115	264	71		3		40-5.4	255	11	90	10 - 1-1
1500	33 78	13338													
1,00	23 30	153 57					7								
T.(00	2330	153 47													
1800	103 20	1335													
<u> 7900</u>	7 3 302	133 17											10	100	F-17
2000	23 30	155 12	18	5	10/41	249	14	100 4 100	8		80.5.5	236	18	100	
5100	23 30	1 2 0 7							-						
2200	2330	113252					Emmanifest in the comment								
2300	7 3 30	1152 43										•			
2400	DEMARKO.	1152 32				2									

REMARKS:

ALL TIMES LOCAL (WHISKEY); WIND DIR. IN WHOLE DEGREES; WIND SPEED IN KNOTS; TEMPERATURES IN FAHRENHEIT; VISIBILITY IN NAUTICAL MOLES; WAVES IN WHOLE DEGREES; WAVE PERIOD IN SECONDS; WAVE HEIGHT IN WHOLE FEET; SEA LEVEL PRESSURE IN MILLIBARS

DATE 9 5 mt 64

TIME	FAT	LONG	PRES WEA	VIS	SLP	DRY B	DEW PT	HUM %	TL SKY	OPA SKY	WAVES	SEA TEMP	WIND S	WIND D	SHIP COURSE/SPD.
0100 -0200 0300	23 30	152 2 ! 152 0 9	20	5	1019.0	229	18	,	7		160-6-5	254	16	100	E-12
C-00	23 30	151 45													
0700	23 27	151 17	04	10	102012	235	/ c		7		506-3	250	17	20	E-12
1000 1100 1200	2310	131 0 0													
1300 1400 1500	22 49 22 38	15/02	<i>C I</i>	13	1018.5	240	Ca		6		130-6-5	24/4	14	140	3-12
1500 1700 1800	2215	13101													
1900 2000 2100	2157	15101	<i>(</i>)	10	10.15.0	251	19				60-6-5	276	23	60	5-12
2200 2300 2400	2129	15100													

REMARKS:

ALL TIMES LOCAL (WHISKEY); WIND DIR. IN WHOLE DEGREES; WIND SPEED IN KNOTS; TEMPERATURES IN FAHRENHEIT; VISIBILITY IN NAUTICAL MA LEE; WAVES IN WHOLE DEGREES; WAVE PERIOD IN SECONDS; WAVE HEIGHT IN WHOLE FEET; SEA LEVEL PRESSURE IN MILLIBARS

SMITHSONIAN INSTITUTION
DIVISION OF BIRDS
AT SEA SURVEY CHART C

DATE 10,5 en 1 64

	7 - 1.							,							,
TIME	F,AT	LONG	PRES WEA	VIS	SLP	DRY B	DEW PT	HUM %	TL SKY	OPA SKY	WAVES	SEA TEMP	WIND S	WIND D	SHIP COURSE/SPD.
0100	2111	15162			·										
-0200		12930	50	2	1017.7	247	20	'	7		60-6-5	255	23	60	5-12
0300	20														
00	21.81.30	1 - 6 - 1													
0500 0500		150													
0000							and the second s								
0700	Registration (in														
_0800		1 1 2 - 1 1	02	10	1016,4	241	20		7		120.6-5	256	14	100	5-12
0900															
1000	19 3	1 50 11													
1100		11/5											Section 1980 and 1980	V NYCHOTA	
1200	100														
1300	19 26			5 30										6.0	5-17
-1400			01	10	1014.3	261	20		3		50-6-6	238	16	50	3 - 72
1500															
1,00	18 32		N. C.												
1700		1/4/15/10/1													
1800															
1900		1111 57					-							,	2 19
2000	- N V-N -3	112102	16	2	10/5,8	251	21		9		70-6-6	259	20	50	5-12
2100													4		
2200		1000													
2300	-17/11	31 6 7			160								I TOTAL		
2400	DEMARKS	1 71 3 =													

REMARKS:

ALL TIMES LOCAL (WHISKEY); WIND DIR. IN WHOLE DEGREES; WIND SPEED IN KNOTS; TEMPERATURES IN FAHRENHEIT; VISIBILITY IN NAUTICAL MEDIS; WAVES IN WHOLE DEGREES; WAVE PERIOD IN SECONDS; WAVE HEIGHT IN WHOLE FEET; SEA LEVEL PRESSURE IN MILLIBARS

SMITHSONIAN INSTITUTION
DIVISION OF BIRDS
AT SEA SURVEY CHART C

DATE 11 Sent 64

											TIATE		I Trans	At Markey M Species and	
TIME	JAT	LONG	PRES WEA	VIS	SLP	DRY B	DEW PT	HUM %	TL SKY	OPA SKY	WAVES	SEA TEMP	WIND S	MTND D	SHIP COURSE/SPD.
0100	15/11/1	1 4 10 41													
0200	1703	٤_			1,1			1	5		70 = 6 = 7			7.0	1
0200		BOUNT LAND													
00															
0500				99											
0500	14 16	141 43													
0700		3													
0800	0.5	3	4.7	14.7	1	1 /	2.5		5		711-5-7			100	5-12
0900															
1000		2													
1100															
1200															
1300	13 4	128 59													
1400		1	1	1 (2)	161719	0.43			41/		75-6-5	2 5 1			
1500)] = [1													
1,00	11 29														
1700		/	```												
1809														-	
1900		10-3								The state of the s					
2000	173,21	1412.54		10	1				ne de la lagraga de la la la la lagraga de l				1 1)		
2100		160 00										TI CONTRACTOR OF THE PARTY OF T			
2200	11.5														
2300		.1 (7.5.0.			Name of the last o										
2400	DEMADEC	1 1 1 - 2 =					,								

REMARKS:

ALL TIMES LOCAL (WHISKEY); WIND DIR. IN WHOLE DEGREES; WIND SPEED IN KNOTS; TEMPERATURES IN FAHRENHEIT; VISIBILITY IN NAUTICAL MARGES; WAVES IN WHOLE DEGREES; WAVE PERIOD IN SECONDS; WAVE HEIGHT IN WHOLE FEET; SEA LEVEL PRESSURE IN MILLIBARS

SMITHSONIAN INSTITUTION
DIVISION OF BIRDS
AT SEA SURVEY CHART C

DATE 12 Sunt 64

TIME	FAT	LONG	PRES WEA	VIS	SLP	DRY B	DEW PT	HUM %	TL SKY	OPA SKY	WAVES	SEA TEMP	WIND S	WIND D	SHIP COURSE/SPD.
0100	1= 06	151							T					T	
0200	1 (13/15/1	0.0	4	10 2 3	1/0	A	!							1 2
0300	100 56	15101													
00															
C-00	2 7														
0.00		7 11 22					And the second s								
0700		187.32													
0800			300	115	,	. 1	7.7				100-0-0				7-12
0900	11 4 /	1 < 1 / /				-									
1000		1													
1100	-11 24	140 80						T							
1200	111111111111111111111111111111111111111														
1300		8													
1400	11117	1 7	,		, , ,				: 1		17/20	7 1 1 1			
1500		1156 26													
1,00	1 / 4	1	-			A SHOULD BE SHOWN									
1700	11	150 05				7 - 47									
1800							**************************************								
1900	1	, -1													
,2000	10	- A 100 - 3 E	A		, , ,	0.6	•		1		1	3 . 2	7	16.	
2100	1	THE STATE					in the second	. 7	man de la companya de				STORES STORES		
2200	10	14 10												And the state of t	
2300	1000	7-19-7					E. makes a soft in a second								
2400	15 9 6														

REMARKS:

ALL TIMES LOCAL (WHISKEY); WILD DIR. IN WHOLE DEGREES; WIND SPEED IN KNOTS; TEMPERATURES IN FAHRENHEIT; VISIBILITY IN NAUTICAL MALES; WAVES IN WHOLE DEGREES; WAVE PERIOD IN SECONDS; WAVE HEIGHT IN WHOLE FEET; SEA LEVEL PRESSURE IN MILLIBARS

SI-MNH-955c 3-4-64 DATE 13 Sept 64

SMITHSONIAN INSTITUTION DIVISION OF BIRDS AT SEA SURVEY CHART C

TIME	F,AT	LONG	PRES WEA	VIS	SLP	DRY B	DEW PT	HUM %	TL SKY	OPA SKY	WAVES	SEA TEM	P WIND S	WIND D	SHIP COURSE/SPD
0100	10	1- 45										1			
,0200	10 15	148 34	01	10	16125	255	74	1	?		50-6-3	223	15	30	5 = 12
0300	17 01	1215 7 1													
00	1 4	1-13													
0-00	ah as	147 57													
0500	Maritin														
0700	1: 64														
0800			01	10	10134	264	24		H		20-5-5	271	19	50	N-13
0900		1-1-1													
1000	1														
1100	THE PERSON													THEORY	
1200															
1300	2)	1													
1400	211		61	10	10/25	270	24		2		410 - 5 - 5	271	18	30	11-12
1500															
1 000	19 34	THE BE	1												
1700	100	(4)													
1809		0.51													
1900	0.9	Direction of the													
2000			0.3	10	10130	772	24		6		40-3-5	269	1.5	50	N-12
2100	diameter Control														
2200										N.					
2300							e contract of the contract of								
2400	2														

REMARKS:

ALL TIMES LOCAL (WHISKEY); WILLD DIR. IN WHOLE DEGREES; WIND SPEED IN KNOTS; TEMPERATURES IN FAHRENHEIT; VISIBILITY IN NAUTICAL MALES; WAVES IN WHOLE DEGREES; WAVE PERIOD IN SECONDS; WAVE HEIGHT IN WHOLE FEET; SEA LEVEL PRESSURE IN MILLIBARS

SMITHSONIAN INSTITUTION
DIVISION OF BIRDS
AT SEA SURVEY CHART C

DATE 14 5 ept 64

TIME	F.AT	LONG	PRES WEA	VIS	SLP	DRY B	DEW PT	HUM %	TL SKY	OPA SKY	WAVES	SEA TEMP	WIND S	WIND D	SHIP COURSE/SPD.
0100	15 0 5														
/0200	(3.19)		20	5	101410	259	25	1	6		40-5-5	269	15	40	11-12.
0300															
.00		7 51													
C-00															
0000	15 00	14 71 2 1													
0700															
,0800	1	11-11-12-03-	01	10	1015.3	260	25		3		20-5-5	266	19	20	N -12
0900	8														
1000		14700													
1100	4 3 3														
1200	1.1.5														
1300	ď.	Made and													
-1400			14	10	1013,9	270	24		6		40 - 5-5	263	20	50	16-12
1500		1													
1,00	1 ~ -														
1700		148 3 3 7													
1809	16 :														
1900	A 2 - 7	1-16 42													
-2000	16 15	10/12	01	10	1016.6	265	2 3		8		40-3-5	263	21	80	N-12
2100	11 2	11/1/2012							e bat is the term	10			The last of the la	or relationships from errors, in	
2200	78 3 3	1115 63										7			
2300	1613														
2400	THE STATE OF														
	REMARKS.							-							

REMARKS:

ALL TIMES LOCAL (WHISKEY); WIND DIR. IN WHOLE DEGREES; WIND SPEED IN KNOTS; TEMPERATURES IN FAHRENHEIT; VISIBILITY IN NAUTICAL ME ES; WAVES IN WHOLE DEGREES; WAVE PERIOD IN SECONDS; WAVE HEIGHT IN WHOLE FEET; SEA LEVEL PRESSURE IN MILLIBARS

SMITHSONIAN INSTITUTION
DIVISION OF BIRDS
AT SEA SURVEY CHART C

DATE 15 Sept 64

											TIATER		I I I I I I I I I I I I I I I I I I I	T TOTAL TOTAL	GTTT GGTTDGT /GDD
TIME	FAT	LONG	PRES WEA	VIS	SLP	DRY B	DEW PT	HUM %	TL SKY	OPA SKY	WAVES	SEA TEMP	WIND S	MTND D	SHIP COURSE/SPD.
0100	19 01	1215 01													
	17 15	10 - 12	40	05	1016.5.	251	23	!	6		40-5-5	259	21	60	N-12
0200	177														
00															
C-00	1721	-1 -1 -													
0000	17 7	13/7 5 5					Language Control								
0700		0.15											6	- A /	
0800	7 7 7	HIGHT WA	0 1	10	1017.8	235	21		2		60-5-5	260	22	76	N-12
0900															
1000	15 11 11														
1100	1 4												and the state of t	CAPTOMA	
1200															
1300	1 = 40	140 17											. 2	60	N-12
/1400	13 51	199	03	10	1017,4	252	22		8		-60-5-5	259	1 -)	15 U	17 10
1.500															
1,00		1919 16	\												
1700	MH 13								-						
	74	17													
1900	_5	147 130									2	0 / 0	, ")	70	15-12
,2000	HH TL Y	1 €	01	10	1018,2	235	21		4		70-5-5	252	7 1 1 1 1 1 1 1 1 1		70-12
2100															
2200	2									-					
2300		3.7								-			~~~		
2400	DEMARKO.										1				

REMARKS:

ALL TIMES LOCAL (WHISKEY); WILD DIR. IN WHOLE DEGREES; WIND SPEED IN KNOTS; TEMPERATURES IN FAHRENHEIT; VISIBILITY IN NAUTICAL MA ES; WAVES IN WHOLE DEGREES; WAVE PERIOD IN SECONDS; WAVE HEIGHT IN WHOLE FEET; SEA LEVEL PRESSURE IN MILLIBARS

SI-MNH-955c 3-4-64 DATE 16 Sept 6-1

TIME	F.AT	LONG	PRES WEA	VIS	SLP	DRY B	DEW PT	HUM %	TL SKY	OPA SKY	WAVES	SEA TEMP	WIND S	WIND D	SHIP COURSE/SPD.
0100	3 3 3														
0200	250,46	11000000	02	10	10180	240	20	!	2/		60-5-5	233	17	40	N-12-
0300															
				b. Ab.											
C-00	71. 18														
0000	121 30	/ U - /													
0700		/ -													
,0800			14	10	1018.4	248	20		6		20-5-5	233	10	60	N-12
0900															
1000		8													
1100	22 14	9 36													
1200	2 . 3 !														
1300	0.9.34														
1400	2.2		0	10	1016.8	232	20		7		30-5-5	250	18	80	N-12
1,500	11	14718													
1,00	2 12														
1700) 3														
1800	23 27													1	
1900	2 3 3 3	1217													
,2000	7 15		01	10	1014,0	246	G		13		30-5.5	250	15	80	N-12
2100													हैं _{हैं} नेवह का छहा । विकास सह	Taken and the second	
2200	7 4 17	l'all viene con													
2300	3 4 11														
2400	2	0.1/3 640													
	REMARKS.											,			

REMARKS:

ALL TIMES LOCAL (WHISKEY); WILLD DIR. IN WHOLE DEGREES; WIND SPEED IN KNOTS; TEMPERATURES IN FAHRENHEIT; VISIBILITY IN NAUTICAL M. ES; WAVES IN WHOLE DEGREES; WAVE PERIOD IN SECONDS; WAVE HEIGHT IN WHOLE FEET; SEA LEVEL PRESSURE IN MILLIBARS

SMITHSONIAN INSTITUTION
DIVISION OF BIRDS
AT SEA SURVEY CHART C

DATE 17 Sent 12

	T A F	TONIO		TITO	CT D	מ עמת	DEW PT	HTTM of	TL SKY	OPA SKY	WAVES	SEA TEMP	WIND S	WTWD D	SHIP COURSE/SPD.
TIME	FAT	LONG	PRES WEA	VIS	SLP	DUT D	DEW LT	11014 /0	TTI DIZT	OIA DILI	MITATIO		WIND D	A T T T	DILL OCCUPIND DID.
0100	14	100 31			•										
0200	100 M M R			120		W									100-112
0300		- 4-19 3 7													
00															
0-00	2	7.70													
0500		, 1100 31-1													
0700															
0800															
0900															
1000	/ 7														
1100	2														
1200						alva established									
1300	12/2/	1450													
1400	2 . /	11-11-11-11-11-11-11-11-11-11-11-11-11-		- 0	102/11								t and		
1500	24	1													
1,00	26 16	115 37													
1700	260	14 2 49	, and the second												
1800	26-01	149 01													
Contract of the last of the la	23 43	149 13			11.14										`
2000	25 19					141			The second of th						
2100	25 -	14733													
2200	125 AU	149 4.3								ų.					
2300	1-534	111111													
2400	DEMADES	150													

REMARKS:

ALL TIMES LOCAL (WHISLEY); WILLD DIR. IN WHOLE DEGREES; WIND SPEED IN KNOTS; TEMPERATURES IN FAHRENHEIT; VISIBILITY IN NAUTICAL MILLES; WAVES IN WHOLE DEGREES; WAVE PERIOD IN SECONDS; WAVE HEIGHT IN WHOLE FEET; SEA LEVEL PRESSURE IN MILLIBARS

SMITHSONIAN INSTITUTION
DIVISION OF BIRDS
AT SEA SURVEY CHART C

DATE 12 - 1/

TIME	FAT	LONG	PRES WEA	VIS	SLP	DRY B	DEW PT	HUM %	TL SKY	OPA SKY	WAVES	SEA TEMP	WIND S	WIND D	SHIP COURSE/SPD.
0100	25 2	150 16			·										
0200	1	150 2%							,		RALED VI				
0300		1													
00															
C-00		15105													
0500		19105													
0700	10115	15 14			**										
0800		11128	4	10)										
0900	1 = 1 = 6	1-141													
1000	12457	151155													
1100	8	15 09													
1200	24 < 1	150 22					7								
1300	124 . 9	152 35													
1400		152	0.2		J/0.2										
1500	-9	15305													
1,00	75 5	15 2 17													
1700	I DESCRIPTION OF THE PROPERTY	15-50-1		•,•,•,											
1800		15: 4													
1900		115 34													
5000	17 fee	151161												and the second second second second	
2100	25				en e										
2200	12165	1 < 1													
2300		11521 -													
2400		1511													
	DEMANDICO.														

REMARKS:

ALL TIMES LOCAL (WHISKEY); WIND DIR. IN WHOLE DEGREES; WIND SPEED IN KNOTS; TEMPERATURES IN FAHRENHEIT; VISIBILITY IN NAUTICAL MALES; WAVES IN WHOLE DEGREES; WAVE PERIOD IN SECONDS; WAVE HEIGHT IN WHOLE FEET; SEA LEVEL PRESSURE IN MILLIBARS

SMITHSONIAN INSTITUTION
DIVISION OF BIRDS
AT SEA SURVEY CHART C

DATE 195. 11

TIME	FAT	LONG	PRES WEA	VIS	SLP	DRY B	DEW PT	HUM %	TL SKY	OPA SKY	WAVES	SEA TEMP	WIND S	WIND D	SHIP COURSE/SPD.
0100	2 4 5 5	DEN EX													
0200	24	155 24	0.1		30										
0300		1,													
00	0														
C-00		1													
0000							Mem								
0700		15120													
0800	24.00	156 30	4.2			7/					Fig. 1				
0900	1 4														
1000	Eliza de la companya della companya	1.700													
1100	N. 11 199.	157 00													
1200							7								
1300															
1400	6														
1500	1 004														
1,00	24 02														
1700	5														
1800	4 7	73700													
1.900	3														
2000														01	
2100	8														
2200		1.50/ 4.50										400			
2300	1301														
2400	REMARKS.														

REMARKS:

ALL TIMES LOCAL (WHISKEY); WIND DIR. IN WHOLE DEGREES; WIND SPEED IN KNOTS; TEMPERATURES IN FAHRENHEIT; VISIBILITY IN NAUTICAL MALES; WAVES IN WHOLE DEGREES; WAVE PERIOD IN SECONDS; WAVE HEIGHT IN WHOLE FEET; SEA LEVEL PRESSURE IN MILLIBARS

SMITHSONIAN INSTITUTION
DIVISION OF BIRDS
AT SEA SURVEY CHART C

DATE

	T A F	TOMO		TITO	CT D	DV D	חם גושת	נוז זאז סל.	MT CVV	ODA CKV	MATTER	CEV MENT	LITNID C	TITME D	CIIID COIDCE /CDD
TIME	F,AT	LONG	PRES WEA	VIS	SLP	DRI D	DEM LI	HUM %	IT OUT	OPA SKY	WAVED	DEA TEMP	MINDP	MIND D	SHIP COURSE/SPD.
0100	25 =1 4	MISITE DE													
0200	4 3 3 3	// <u>-</u>			10/519				7		Table 1885 if				
0300															
. 00															
C-00															
0500	2 8 5 5	157 05													
0700	21 504.	157 11													
0800	21 45 40	157 17		11/1	1777	2					11.5-14	2.116	4		
0900	21 33	157 24													
1000	21 25	157 31													
1100	21 15	157 39					7.0								
1200	INPORT							-							
1300	,	56													
1400															
1500															
1,000						2 47 144 47									
1700 1800															
										-					
1.900		-													
5100							and Javan Williams						the state of the state of	or shorteness confidence	
2200							Time and salked the man								
2300									1						

REMARKS:

ALL TIMES LOCAL (WHISKEY); WIED DIR. IN WHOLE DEGREES; WIND SPEED IN KNOTS; TEMPERATURES IN FAHRENHEIT; VISIBILITY IN NAUTICAL MILES; WAVES IN WHOLE DEGREES; WAVE PERIOD IN SECONDS; WAVE HEIGHT IN WHOLE FEET; SEA LEVEL PRESSURE IN MILLIBARS

1 101

SMITHSONIAN INSTITUTION DIVISION OF BIRDS AT SEA SURVEY CHART C

TIME	FAT	LONG	PRES WEA	VIS	SLP	DRY B	DEW PT	HUM %	TL SKY	OPA SKY	WAVES	SEA TEMP	WIND S	WIND D	SHIP COURSE/SPD.
0100					ı										
0200 0300 0400 0500								1							
0300															
00															
0.00							- African								
0300			-												
0700															
0900															
1000															
1000														V-Arigination	
1200		, W													
1300	21 19	1_1													
1400	12	5/													
1500	/	4.4													
1500		15731	X.												
1700	20 52	15731													
1900	20 39	1 < 7 1 6													
2000	2 4	157 16													
-2100	20 34	157 16					3 10 70 100		Server a segmentation of Sections						
2200	20 29	157 14					· · · · · · · · · · · · · · · · · · ·								
2300	20 15	157 0%) N TA		
2400	DEMARKS.	15701													

REMARKS:

ALL TIMES LOCAL (WHISKEY); WIND DIR. IN WHOLE DEGREES; WIND SPEED IN KNOTS; TEMPERATURES IN FAHRENHEIT; VISIBILITY IN NAUTICAL MALES; WAVES IN WHOLE DEGREES; WAVE PERIOD IN SECONDS; WAVE HEIGHT IN WHOLE FEET; SEA LEVEL PRESSURE IN MILLIBARS